



WIRE & CABLE MANAGEMENT

2011/2012 CATALOG

designed to be better.™

 **legrand**®

Wiremold

WARRANTY & TRADEMARK INFORMATION

LEGRAND/WIREMOLD LIMITED WARRANTY & LIABILITY STATEMENT

Legrand/Wiremold warrants, to the original purchaser or owner only, that any product manufactured and sold by Legrand/Wiremold will be substantially free from defects in material and workmanship under normal use and service, for a period of one year from the date of original installation or two years from the date of purchase, whichever is sooner. This limited warranty applies only to products, which have been installed properly in accordance with Installation Instructions supplied by Legrand/Wiremold and any applicable codes and standards.

This limited warranty is void and Legrand/Wiremold shall not be liable for any damages or held responsible for the quality, performance or safety of products that have been repaired, altered or tampered with outside of Legrand/Wiremold facilities or which have been intermixed (used within a system) with products or materials not approved by Legrand/Wiremold or have been subjected to accident, negligence, misuse or abuse.

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LEGRAND/WIREMOLD TRADEMARKS

Legrand/Wiremold Raceways and Fittings are listed by Underwriters Laboratories Inc. and the Canadian Standards Association. Registered Trademarks of Legrand/Wiremold and its subsidiaries include: 500, 700, 2000, 3000, 4000, 6000, 4000 Designer Series, Access, CabinetMATE, CableSmart, Centerex, Chan-L-Wire, CordMate, CordMate II, Conduct, DS4000, EZ-Pole, FiberReady, Flushduct, HideAcord, Isoduct, On-Wall, Pancake, Perma Power, Plug-In Outlet Center, Plugmold, Plugmold Plus, Plugmold Tough, Power Commander, Resource RFB, Sentrex, Snapicoil, Source I, Source II, Sure-Snap, Synergy, Tele-Power, Uniduct, V500, V700, Walker, Walkercell, Walkerdeck, Walkerduct, Walkerduct Pro, Walkerflex, Walkerflex AWS, Wiremold, and Wiring Projects Made Easy.

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Wiremold Prewired XPress is a Service Mark of Legrand/Wiremold.

All brand and product names are registered trademarks or trademarks of their respective holders.

All Legrand/Wiremold products, unless specifically noted, are listed by Underwriters Laboratories Inc. and conform to Federal Specifications W-C-582 and the National Electrical Code. Products designed for use in telephone or communications wiring normally do not require UL listing. Most products in this catalog are also certified by the Canadian Standards Association. Special ordering information for products to be installed in Canada is available upon request.

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WELCOME

TO OUR VALUED CUSTOMERS,

Welcome to the new Legrand Wiremold Product Guide featuring the broadest range of wire and cable management solutions we've ever offered.

This product guide is full of the in-depth product information and specifications you've come to expect from Legrand Wiremold. And be sure to check out our latest "designed to be better" products in the new products section.

Whether it's 500 raceway, power poles, or the latest floor boxes, Legrand Wiremold is working hard to put you, our valued customer, first. With market leading innovation, high quality products, and updated tools and product information, our goal is to be your first choice for wire and cable management products and solutions.

And remember, our most up-to-date product guide is also available online at www.legrand.us/Wiremold featuring select product highlight videos.

Thank you for your business and continued support.



Brian DiBella

Vice President, General Manager



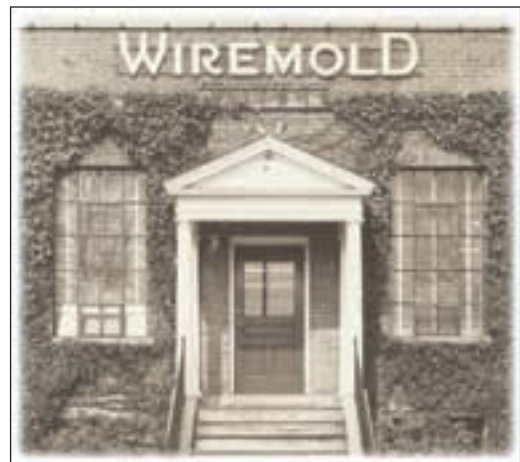
It's also easy to access the same product information, 24/7 through our fully searchable online catalog at www.legrand.us/wiremold.



For an updated electronic catalog throughout 2011, use this QR code.



Since its introduction in the early 1900's, the Wiremold Buyer's Guide has been a valuable source of information for contractors, distributors, and architects.



Since 1900... Over a Century of Solutions!



Today... Innovative Products, designed to be better!

GREEN THINKING & SUSTAINABILITY

Wiremold embraces a multi-level approach to sustainable design through:



NEW CONVIA-ENABLED WIREMOLD SYSTEMS TAKE ENERGY MANAGEMENT TO THE NEXT LEVEL

- Integrated and highly flexible system – Now Wiremold pathway solutions are “energy smart”
- Convia software enables control and monitoring of plugload, lighting and thermostat set points
- Provides actual power consumption data by zone



LEAN MANUFACTURING & WASTE REDUCTION

- Total waste reduction in all aspects of manufacturing
- One-piece flow maintains quality assurance on a per piece basis – eliminates unnecessary raw material consumption
- Inventory aligned to demand/usage – reduces holding costs and space
- Environmental stewardship – replacing high VOC paint with powder coat.
- Kaizen philosophy grounded in continuous improvement – reduces waste in manufacturing process
- Use of recycled and post consumer materials in manufacturing
- ISO14001 Certification



SITE & INSTALLATION BENEFITS

- Staged deliveries – improves efficiency and reduces on-site storage
- Local sourcing – **reduces delivery costs and environmental impact from emissions**
- Bulk packaging – used for prewired raceway and other systems to **reduce on-site packaging waste**



PRODUCT LINE BENEFITS

- One Source for Design & Delivery Coordination – multiple pathway solutions coordinated across trades ensures the right solution **while reducing the number of deliveries to a job site**
- Convia-Enabled Pathways connected by Walkerflex Modular Wiring – **provides energy management and monitoring**
- Raised Floor Enhancements & Accessories – Modular wiring and raised floor access boxes **assist underfloor displacement air ventilation**
- Infloor, Thru-Floor & Poke-Thru Devices – **Increased use of natural daylight through use of open floor plans**
- Architectural Columns – Improved aesthetics and **increased use of natural daylight through use of open floor plans**
- Infloor Systems – **extend lifecycle benefits by offering a flexible solution to accommodate multiple renovations of the building space.**
- Prewired Raceway – **Eliminate scrap** generated by on-site cutting of bases and covers
- Surface Raceways – Pathway flexibility for moves, adds, changes while **maintaining V-rating and wall integrity**



The globe icon identifies products that contribute to sustainable design or provides energy savings through efficiencies in design, manufacturing processes, or installation.



The leaf icon identifies products that save energy through improved measurement and monitoring of plug loads and systems.



Wiremold is committed to environmental stewardship by becoming registered to the ISO14001 standard.

Since 2008, Wiremold has used its environmental management system to reduce pollution, stay in regulatory compliance, and continuously reduce our environmental impact in the manufacture of our products.



Wiremold products contribute to and help support the objectives of the U.S. Green Building Council, an

organization representing more than 10,000 organizations from all segments of the building industry that developed the LEED rating system and which continues to guide its evolution.

Wiremold representatives are trained (and in some instances LEED-certified) to provide consultation on sustainable design.

Together. Let's try our best for

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+ 1 + 1 =
LESS

GREEN THINKING & SUSTAINABILITY



CONVIA-ENABLED PATHWAYS:

- Raised Floor Boxes
- Architectural Columns
- Floor Boxes
- Poke-Thru Devices



RAISED FLOOR SYSTEMS:

- Walkerflex® Modular Wiring System
- Floor Box Systems
- Vista® Architectural Pedestals

Benefits:

- Designed to work with underfloor displacement air ventilation.
- Open space flexibility.
- Pedestals provide connectivity at desk height.



INFLOOR/THROUGH-FLOOR/POKE-THRU:

- Walkerduct® Underfloor Duct System
- Poke-Thru Devices
- Floor Box Systems

Benefits:

- Enable open plan design.
- Open plan improves daylighting.
- Flexibility for moves, adds, changes.



ARCHITECTURAL COLUMNS:

- Vista™ Architectural Columns

Benefits:

- Connectivity and/or consolidation point in open space.
- Facilitates better use of natural light.
- Flexibility for moves, adds, changes.



SURFACE RACEWAY SYSTEMS:

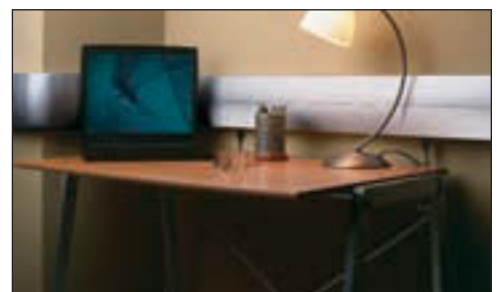
- DS4000® Series Raceway
- Prewired Raceway
- Other Legrand/Wiremold Raceway Systems

Benefits:

- On-wall – not into wall – for enhanced flexibility.
- No need to cut into walls – maintains building integrity, V Rating, and R-Value.
- Prewired Raceway reduces waste and minimizes packaging.

RECYCLED CONTENT & LOCAL SOURCING

- Wiremold typically uses steel with an average post-consumer recycled content of 23.5%, and an average pre-consumer/post-industrial recycled content of 6.4%.
- Aluminum products include high levels of recycled content.
- Wiremold makes available specific documentation required for determining the recycled content of each product.
- Wiremold products are manufactured in West Hartford, CT. Recycled steel, aluminum, and other materials are typically sourced from local suppliers within a 500-mile radius of the plant. For project sites within a 500-mile radius of West Hartford, the value of the Wiremold product may be used in calculating the total value of local/regional materials in the project. Wiremold supplies the appropriate supporting documentation.



USING THE WIREMOLD PRODUCT GUIDE

COLOR CODING:

Color coding has been used throughout the Product Guide including in the Table of Contents and on the outside edge of the pages of each section to help you quickly access the products or information you need. A color key to the sections can also be found on the back cover of this catalog and on the right side of this page.

ORGANIZATION:

Sections of this catalog have been reorganized to give you faster access to key information about our products. System layouts, wire fill capacity charts and UL Code Reference information is located on the beginning pages of each product section.

NEW PRODUCTS:

The newest Wiremold product innovations are featured in the New Products section. You'll find color photos and information on where these products are located in the Product Guide.

PRODUCT GUIDE AVAILABLE ONLINE:

The Wiremold Product Guide is also available online. With all the same information as the print version, the online Product Guide is fully searchable and easy to use.

CODE REFERENCE INFORMATION:

UL Code Reference information for each product line is indicated at the beginning of the product section. Look for a box similar to this example.

CODE REFERENCE

cULus Listed Raceway:
File E90378 Guide RJTX.
Complies with flammability requirements of UL-5A.

Fittings:
File E90377 Guide RJYT.
Meets Article 388 of NEC.
UL Listed for up to 600V.
Meets Section 12-1600 of CEC.

COLOR INFORMATION:

Color swatches (see sample below) for each product line are shown at the beginning of the product section. Each part number listing also shows all the available color versions for that part. Information on how the color values were developed can be found in the Technical Section.

NOTE: Color swatches shown throughout this catalog are as close to the product colors as is possible through the printing process. These should not be used by customers to make color decisions. Legrand/Wiremold recommends that customers request samples to review for color accuracy in circumstances where color matching is critical.

500 & 700 SERIES RACEWAYS COLOR OPTIONS

500 and 700 Series Raceway Part Numbers with a "V" prefix have an ivory finish. Part Numbers with a "-WH" suffix have a white finish.



Ivory



White

Specific Product Sections are identified throughout the Product Guide with the following color coding:

-  Audio/Video Compatibility
-  Communications Connectivity
-  Steel Surface Raceway Systems
-  Overfloor Raceway Systems
-  Nonmetallic Surface Raceway Systems
-  Aluminum Surface Raceway Systems
-  Prewired Raceway Systems
-  Specialty Raceways & Accessories
-  Plugmold® Multioutlet Systems
-  Poke-Thru Devices
-  Floor Box Systems
-  Service Fittings & Activation Accessories
-  Infloor Duct Systems
-  Energy Management Systems
-  Modular Wiring Solutions
-  Vertical Solutions
-  Power Distribution & Surge Protective Devices
-  Work Surface Solutions
-  Fire Stop Solutions
-  Wireless & Zone Cabling Solutions

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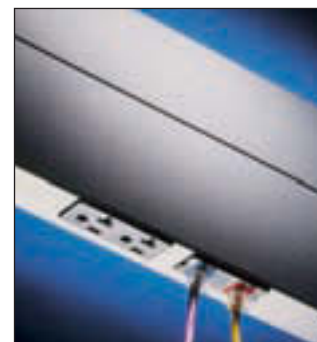
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YESTERDAY



TODAY



Wiremold /Legrand introduced the original 500 Series Raceway wiring solution to the electrical trade in 1916.

Today, the new 4000 Designer Series Raceway offers maximum capacity and functionality, combined with innovations that speed installation.

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Plugmold® Multioutlet Strips were originally introduced in 1947. Today Plugmold applications range from garage makeovers to installations in high end gourmet kitchens.

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Tele-Power® Poles were introduced in 1969 to provide power and data access in open offices.

Today, Vista™ Architectural Columns provide open space access to power and communication services with a wide variety of decorative options.

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Today, regardless of the application or the installation, Legrand/Wiremold remains the leader in configuring solutions and providing the products and expertise to get your job done right.

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NEW PRODUCTS FROM LEGRAND/WIREMOLD



Introducing the latest innovations from Legrand/Wiremold, the industry leader in wiring solutions.

Evolution™ Series Floor Boxes

OFR Series Overfloor Raceway System

Desktop Power Center Work Surface Portals

Plugmold® 2000TR Series™ Tamper-Resistant Multioutlet System

NME1250AP Wireless Access Point Enclosure

Tele-Power® Pole Extenders

Evolution™ Series Work Surface Portals

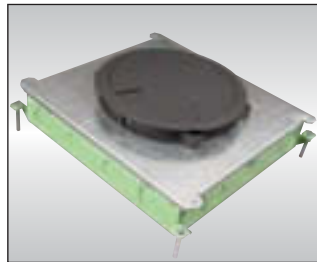
Fire Classified Floor Boxes

FloorPort™ Series Cover Assemblies

RFB6E Series™ Floor Boxes with Evolution™ Series Cover Assemblies

Convia-enabled Wiremold® System

Enhanced Audio/Video Compatibility



For more information on featured products, use this QR code.



- Coming in 2011 - **EVOLUTION™ SERIES FLOOR BOXES****New Universal Floor Box**

Evolution™ Series Floor Box; “one box...many applications”, which means the same floor box can be installed in concrete, raised, or wood floor applications. Ideal for commercial office applications such as: open collaborative spaces, closed offices, and conference rooms. Other great applications are: education facilities, entertainment spaces, and any other open spaces where power, communications, and audio/video services are required.

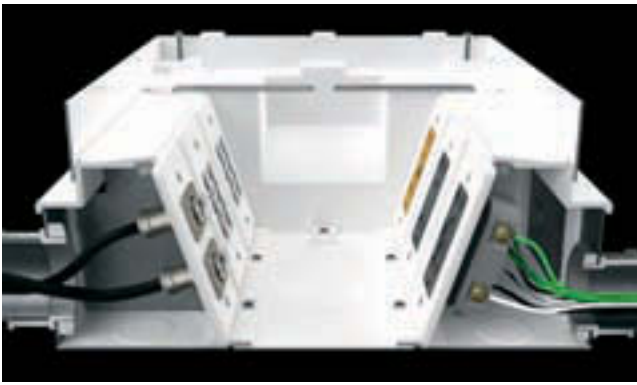
- **One box, many floor types – one floor box can be installed into concrete, raised or wood floors.**
- **Aesthetic Evolution Style covers for a consistent look throughout the facility – Covers come in 5 decorative colors (black, gray, brass, nickel, and bronze) to match the room’s décor.**
- **Full 180° angle opening – so covers remain attached while leaving maximum access.**
- **Removable Modules – Easy moves, adds and changes. Can be removed from the top or back.**
- **Accommodates standard size wall plates.**
- **2 1/2" to 3 1/2" of wiring space behind device plates.**
- **6, 8, or 10 gangs of capacity – Open platform for power, communications and audio/video devices.**
- **KOs ranging from 1/2" to 2" trade size.**
- **Removable dividers – For maximum configurability.**
- **Tunnel allows all compartments to be connected.**



2 to 10 gangs of capacity – Open platform box is available in multiple sizes and with multiple configuration options for power, communications, and audio/video devices. Aesthetic Evolution Style Covers come in 5 decorative colors.



One Box, Many Floor Types – One Floor Box can be installed into either concrete, raised, or wood floors.



2 1/2" to 3 1/2" of wiring space behind device plates.



Internal Wiring guards help to protect and manage cables and wiring.



Wiring modules accept standard size wall plates and are removable from either the top or back of the box.



- Page 79 - OFR SERIES OVERFLOOR RACEWAY SYSTEM

OFR Series Overfloor Raceway System provides four-channels of capacity and access to a wide range of power, communications, and A/V connectivity options in an ADA compliant profile. This system installs over existing floor coverings and is both tamper-resistant and installer-friendly, making it an ideal solution for temporary or permanent installations where access through floors and ceilings is not an option.

- Low profile, ADA compliant design.
- Multi-channel base provides capacity for power, communications, and A/V in one raceway.
- Open system device plates for communications and A/V.
- Attaches directly to floor covering.
- Installs in open space areas where access to floor or ceiling is not an option.
- four-gang box can accommodate power and communications on both sides with crossover kit.
- Transition options for popular Wiremold surface raceway systems and Vista Architectural Columns.



OFR Series Raceway provides access to power, A/V, and communication services to open-space areas in an ADA compliant low profile design.



OFR Series Overfloor Raceway 4-Gang Device Box.

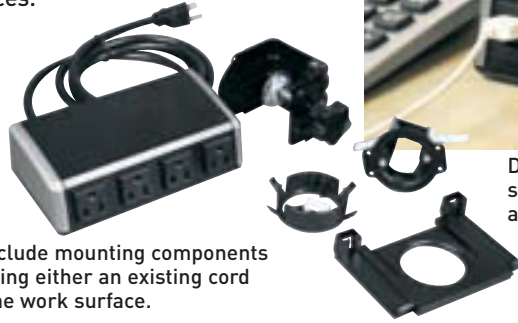


OFR Series Overfloor Raceway transition fitting for DS4000 Series Raceway.

- Page 518 - DESKTOP POWER CENTER WORK SURFACE PORTALS

Desktop Power Center Work Surface Portals provide power and USB charging outlets at the work surface level by utilizing existing cord drop openings in office desks and workspace table tops. Mounting hardware is also included with each unit to provide an alternative mounting method that latches the units onto the side of work surfaces.

- Add power where needed.
- Ideal for desk or work table.
- Mounting hardware included.
- 12' cord 12 Amp 125V.
- Built-in surge protection.



Desktop Power Center Portals include mounting components for mounting to work surfaces using either an existing cord drop or for latching to a side of the work surface.



Desktop Power Center Portals provide easy work surface level access to surge-protected power and USB services.

- Page 235 - PLUGMOLD® 2000TR SERIES™

Plugmold® 2000 Series™ Tamper-Resistant offers industry leading levels of both safety and convenience.

- Meets 2008 NEC section 406.11 for tamper resistant receptacles in dwelling units. Perfect for residences, dorms, and extended stay hotels.
- Patented internal shutter system prevents insertion of unwanted objects such as paper clips, keys or nails.
- 15A proprietary simplex receptacles in a sleek low profile.
- Available in multiple colors and finishes.
- Can be used with existing Plugmold fittings and boxes.

Plugmold 2000TR Series installed in a residential kitchen.



Patented internal shutter system prevents insertion of unwanted objects.

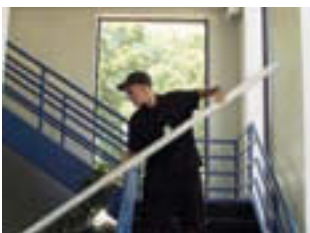


- Page 471 - TELE-POWER® POLE EXTENDERS

NEW Tele-Power Pole Extenders – Easier job site handling with easier, more reliable shipping options.

Configurability of the TPP Extenders allows for on site modifications to accommodate a variety of ceiling heights. TPP Extenders can ship UPS or air freight. TPP Extenders have been designed to be compatible with existing poles, so relocating is literally, a snap (quick, easy, and done with in-stock components). Existing poles can be retrofit/extended to be used in a location with a higher ceiling using TPP Extenders.

When you need a reliable open space power and/or communications solution in the shortest amount of time, no matter the length needed, think Wiremold TPP Extenders.



Handling standard length poles on a jobsite can be a challenge.



New Tele-Power Pole Extender make transporting and installing poles of any length a SNAP!

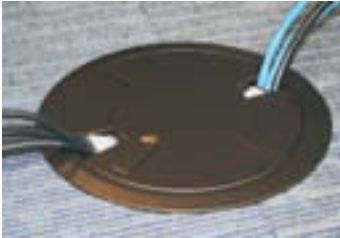


Tele-Power Pole Extenders slide onto existing poles to extend their length or the easy-to-ship components can also be used to create a whole new pole. Just remove 8" cover, slide the components together, screw them in place, and replace the 8" cover.



- Page 345 - CRFB SERIES™ ROUND RECESSED FLOOR BOXES

- Accepts 8" Evolution Series poke-thru covers.
- Large multi-compartment boxes.
- TopGuard™ Protection.
- Accepts wide range of power, communication and audio/video configurations.
- Prewired & custom plate options.
- Fits into round diffuser openings.
- Meets ADA Accessibility Guidelines.
- Compatible with both raised and wood floors.
- Multiple KOs located on sides and bottom of box accept conduit sizes from 1/2" - 2".



Cables egress from a CRFB Series Floor Box with Evolution Series Poke-Thru Cover.



CRFB Series four-compartment configurable floor box



New egress design for CRFB Series Floor Box Covers offers larger wire/cable egress with locking feature.



- Page 528 - NME1250AP – WIRELESS ACCESS POINT ENCLOSURE

- **Large capacity compartment.** 13 3/4" high x 7 3/8" wide x 4 5/8" [349mm x 192mm x 117mm] deep interior provides space for most leading manufacturers' AP products, including Cisco® Aironet 1250 Series.
- **Convenient termination point and raceway connectivity.** Communications cabling can be backfed or surface raceway fed using the integral raceway twistouts provided on all four sides of the enclosure (for Eclipse™ Series PN03, PN05, and PN10 Raceways).
- **Security lock included.** Paintable Fog White in color, the enclosure includes a concealed key lock under a subdoor to prevent unauthorized access. All locksets are keyed alike.
- **Configurability.** Antennas for Cisco® Aironet 1250 can be configured either internal or external to the enclosure.



Stylish, paintable enclosure includes a concealed key lock under a subdoor to prevent unauthorized access

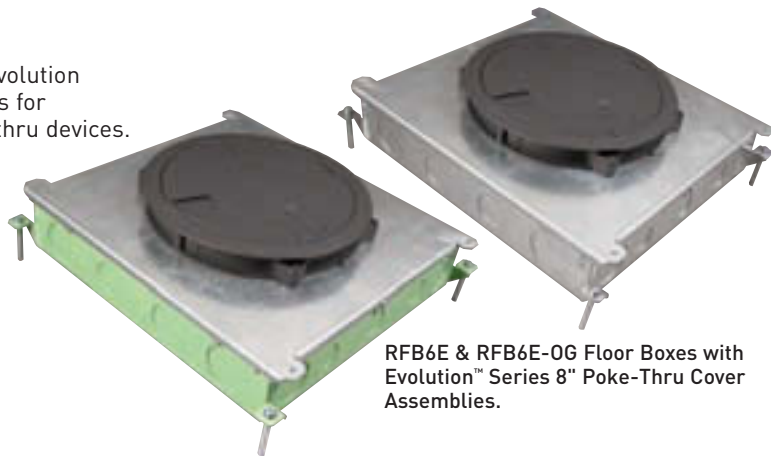


Interior provides space for most leading manufacturers' AP products, including Cisco® Aironet 1250 Series.

- Page 310 - RFB6E & RFB6E-OG FLOOR BOXES

New RFB6E Series Floor Boxes accept the round 8" Evolution Series cover assemblies providing improved aesthetics for installations that combine both floor boxes and poke-thru devices.

- Suitable for in both above-grade and on-grade concrete floor applications.
- Special fusion-bonded epoxy corrosion resistant paint finish allows for on-grade use without the weight of cast iron material.
- Accepts the 8" Evolution Series poke-phru cover assemblies.
- Six gangs of capacity.

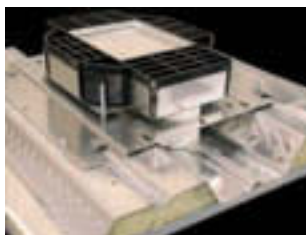


RFB6E & RFB6E-OG Floor Boxes with Evolution™ Series 8" Poke-Thru Cover Assemblies.

- Page 287 - FIRE CLASSIFIED FLOOR BOXES

- Two (2) Hour UL Fire Classified.
- TopGuard protection
- Available in two depths.
- Fully Adjustable before and after concrete pour.
- Accepts existing floor box covers.
- Available in both flush and recessed one-, two-, three-, or four-gang configurations.
- UL Listed and UL Fire Classified to U.S. and Canadian safety standards for tile and terrazzo.
- Available in both steel and nonmetallic fabrications.
- Twelve (12) box variations.

The use of intumescent materials and the bottom plate assembly preserve the two hour fire rating of the floor.



RFB4-SSFC Fire Rated Floor Box.



Fire Rated Floor Boxes maintain a floor's two-hour fire rating and are available in both flush and recessed configurations.

- Page 368 - FLOORPORT™ SERIES COVER ASSEMBLIES

New and improved FloorPort Cover provide added functionality, enhanced durability and an expanded color selection.

- Recessed activations available in both flanged and flangeless versions.
- Covers open a full 180° for easier access.
- Egress doors and cable management redesigned to better protect cabling.
- Full size handle for easier opening.
- Hinge and latch redesigned for enhanced durability.
- New colors in a resilient finish.



FloorPort™ Series Flanged Cover Assembly installed in a carpeted floor.



New FloorPort™ Series Cover Assemblies feature a **full 180° opening cover** with new cable egress openings that protect cabling while holding them securely in place and a new **recessed handle** for easier opening.



- Page 509 - EVOLUTION™ SERIES WORK SURFACE PORTALS

Introducing Evolution Series Work Surface Portals. Evolution Work Surface Portals offer extra capacity and style in a conference or board room table. Evolution Series Work Surface Portals provide the space to mount devices below the table top and the aesthetics to match room decor. It offers seamless integration of electrical, voice, data, video and audio into workstation activations.



- Page 414 - CONVIA-ENABLED WIREMOLD® SYSTEM

Until now, employing energy management strategies has meant a complicated, difficult-to-configure collection of technologies hard-wired into a building's infrastructure. Once designed and implemented, making changes was impractical. Adjustments in space use or design required starting practically from scratch. And day-to-day power management was unwieldy and inelegant.

Enter the Convia-enabled Wiremold system, an integrated solution that is highly flexible, highly adaptable and highly intelligent. Never before has energy management been so simple while at the same time infinitely flexible and powerful.

- **Real-time Energy Monitoring** – Allows end user to monitor in real time and set energy usage from any location.
- **Dynamic Load Shedding** – Automatically reduces building usage as energy limits are reached. Can also be controlled manually.
- **Modular and Field-Wired Versions** – Ideal for new construction and renovation/retrofit applications.
- **Energy Efficiency Compliant** – System qualifies for Title 24, ASHRAE 90.1, EPA and other utility rebate programs.
- **UL Listed** – Listed to U.S. and Canadian safety standards for 20A 120V/208V and 277V/480V systems.

Flexibility is at the heart of the Convia-enabled Wiremold offering. The system can easily be configured and reconfigured to manage and control overhead lighting or plug load while taking advantage of innovative, attractive, modular floor boxes and poke-thru devices from Legrand/Wiremold.

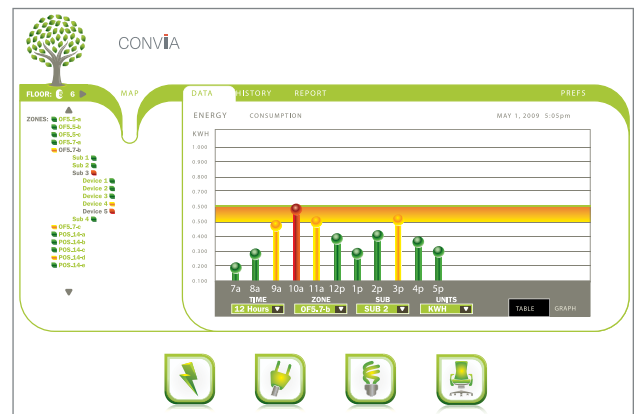
Ability to Measure & Monitor Plugloads.

Another point of difference: monitoring and control using the same sensors that control lighting loads. In contrast to other systems which provide estimates and averages of energy use, the system provides actual power consumption by zone. It compares actual usage vs. different energy baselines and identifies the zones that are consuming more than expected power. This data allows facility managers to aggressively manage energy and constantly identify trouble spots as well as easily set and meet energy reduction targets.



INTELLIGENT CONTROLS MEETS SMART DESIGN.

The system begins with Convia, a technology platform that allows for the integrated control and monitoring of plug load, lighting, and thermostat set points. Co-developed by one of the most respected technology think tanks in the world (Applied Minds), and refined by usability and ergonomics experts at Herman Miller, Convia represents a solution so simple, flexible and elegant that it can be controlled using a two-button remote wand or a PC.



The user-interface allows building managers to monitor and control energy usage in real time.

For years, A/V installation has been an afterthought in the remodeling and construction of buildings, leaving integrators with the challenge of creating work-around solutions. But today, through Wiremold® Pathways we are changing the way integrators work, by integrating A/V into our broad product line from the start.

Wiremold Poke-Thru Devices are the ideal solution for bringing power, A/V, and communication connections to open space, above-grade floor environments while maintaining the Fire Classification of concrete floors. Wiremold Poke-Thru Devices are the most complete offering in the industry including Evolution™ and AV3 Series™ Poke-Thru Devices, which are compatible with A/V connectivity devices from most major manufacturers.



Wiremold Floor Boxes are ideally suited to provide power, A/V, and communication services to open spaces in new construction. For use in concrete and wood floor applications and available in a wide range of sizes and finishes, Wiremold Floor Boxes are the broadest line of floor boxes in the industry, and the first, and only family of Fire Classified Floor Boxes available today.



Wiremold FloorSource™ Raised Floor Boxes offer power, communication, and A/V solutions for raised floor applications. A variety of floor boxes designed especially for raised floors provide all the functionality, flexibility, accessibility, and capacity your application requires. Ideal for IT server rooms, computer labs, and financial, commercial, and educational institutions.



Wiremold Vista® Architectural Columns offer an array of customizable solutions for the A/V professional. These aesthetic columns can be used to feed and support digital signage, supply connections to a large area, or as a table leg to provide power, A/V, and communications to work surfaces. No matter what the capability, finish, fit or style you need, Vista Architectural Columns are your vertical solutions answer.



Wiremold Work Surface Solutions bring power, communication, and A/V connections right where they're needed – on the work surface, with ideal solutions for everything from workstations to conference room tables.



Wiremold Surface Raceway Systems provide efficient, cost-effective, and attractive ways to bring connections wherever they're needed in virtually any type of room. Available in a variety of sizes, capacities and materials, including aluminum, steel and nonmetallic – Wiremold raceway systems are designed to install easily, perform flawlessly, and blend beautifully with any décor. And now, they have designed-in compatibility for A/V applications.



Just a few of the devices available from leading A/V manufacturers that are compatible with Wiremold pathways. (Sold separately)



Wiremold products accept Ortronics® Series II® and TechChoice® communication and A/V devices. Wiremold Open A/V system accepts most manufacturers' A/V devices including Extron® Electronics, Crestron®, and Altinex, Inc.

AUDIO/VIDEO COMPATIBILITY



For years, A/V installation has been an afterthought in the remodeling and construction of buildings, leaving integrators with the challenge of creating work-around solutions. But today, through Wiremold® Pathways, we are changing the way integrators work, by incorporating A/V compatibility into our broad product line from the start. Wiremold gives you

- Over 100 years of experience in pathway solutions
- The market leader in cable management
- The broadest product line in the industry
- Cross-trade experience assures proper integration of power, communication, and A/V into our products

Wiremold® Pathways with A/V Compatibility	2
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A/V COMPATIBILITY

By designing A/V compatibility into our broad range of products, Wiremold makes the A/V integrator's job easier. Wiremold Pathways are one of Legrand A/V Solutions. For information about Legrand A/V Products – Call 1.877.By.Legrand or visit www.legrand.us/av.

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CODE REFERENCE
Please visit the individual product sections located throughout this Product Guide for specific product Code Reference information.



The large capacity of the Wiremold Resource RFB9/RFB11 Series Floor Boxes meets the special space requirements of A/V type connectors to above-grade floors.

Wiremold Poke-Thru Devices are the ideal solution for bringing power, A/V, and communication connections to open space, above-grade floor environments while maintaining the Fire Classification of concrete floors. **Wiremold** Poke-Thru Devices are the most complete offering in the industry including Evolution™ and AV3 Series™ Poke-Thru Devices, which are compatible with A/V connectivity devices from most major manufacturers.

Evolution™ Series Poke-Thru Devices

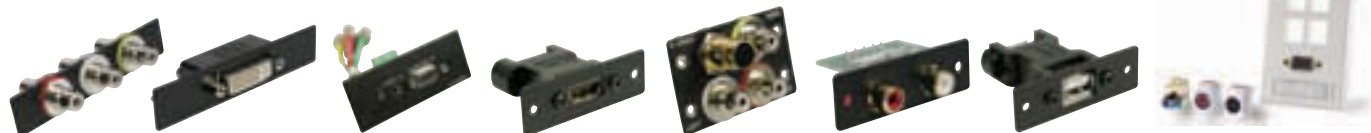


Evolution™ Series Poke-Thru Devices allow installed devices to be recessed below floor level, and provide the largest capacity available – up to 4-gangs of capacity for power, A/V, or communication devices.



- FEATURES**
- Largest Capacity Poke-Thru Device in the industry.
 - Fully recessed devices.
 - Open power, communication, and A/V configurability.
 - Die-cast cover assemblies.
 - Accepts wide range of power, communication, and A/V configurations including Extron® Electronics AAP and MAAP, and Crestron® device plates.
 - Two (2) Hour UL Fire Classified.
 - Meets ADA Accessibility Guidelines – Tile cover is flush with the finished floor covering.
 - Available pre-assembled or fully configurable.
 - TopGuard Protection – meets or exceeds UL scrub water requirements.

Just a few of the devices available from leading A/V manufacturers that are compatible with Wiremold pathways. (Sold separately)



Wiremold products accept Ortronics® Series II® and TechChoice® communication and A/V devices. Wiremold Open A/V system accepts most manufacturers' A/V devices including Extron® Electronics, Crestron®, and Altinex, Inc.

AV3 Series™ Poke-Thru Devices



AV3 Series™ Surface Style Poke-Thru Devices have the capacity to accept one (1) 20 Amp duplex power device and up to three (3) Extron® Electronics MAAP Series device plates.

FEATURES

- Designed to meet the needs of the growing A/V Industry.
- Accepts wide range of power, communication, and A/V configurations.
- Meets ADA Accessibility Guidelines – Tile cover is flush with the finished floor covering.
- TopGuard Protection – meets or exceeds UL scrub water requirements.
- Two (2) Hour UL Fire Classified.

4FFATC Series™ Poke-Thru Devices



4FFATC Series™ Furniture Feed Style Poke-Thru Devices provide one (1) 3/4" trade size opening for power and one (1) 1 1/4" trade size opening for AV or communication.

FEATURES

- Large dual capacity furniture feed poke-thru device.
- UL listed for both power and communications applications.
- Suitable for use in air handling spaces.
- "Step-on-it" quick and easy installation.
- Meets ADA Accessibility Guidelines – Tile cover is flush with the finished floor covering.
- TopGuard Protection – meets or exceeds UL scrub water requirements.
- Two (2) Hour UL Fire Classified.

Wiremold Floor Boxes are ideally suited to provide power, A/V, and communication services to open spaces in new construction. For use in concrete and wood floor applications and available in a wide range of sizes and finishes, **Wiremold** Floor Boxes are the broadest line of floor boxes in the industry, and the first, and only family of Fire Classified Floor Boxes available today.

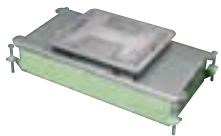
Resource RFB Series Floor Boxes



Resource RFB® Series Floor Boxes offer configuration flexibility using independent wiring compartments and feed-through wiring capability for power, communication, and A/V services to open spaces or directly to work stations.

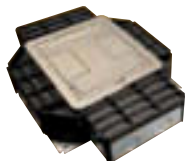
FEATURES

- UL Listed to U.S. and Canadian safety standards for tile, terrazzo, carpet, and wood covered floors. Meets and exceeds UL requirements under UL514A for scrub water exclusion.
- Available in 5 configurations; 2-gang, 4-gang, 6-gang, 9-gang, and 11-gang.
- Available in various depths to accommodate both shallow and deep concrete pours.
- Fully adjustable before and after the concrete pour.
- RFB9 and RFB11 Floor Boxes are provided with heavy duty cover assembly to accept loads up to 3,000 pounds.
- Open system allows for compatibility with most power, communication, and A/V manufacturers' devices.



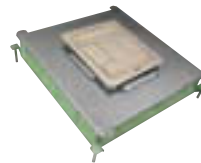
RFB2 Series

Two compartment, steel combination floor box. Available in both shallow and on-grade versions. Fully adjustable.



RFB4 Series

Four compartment, shallow depth, combination floor box. Available in steel or cast iron. Fully adjustable.



RFB6 Series

Six compartment, steel, on-grade combination floor box. Fully adjustable.



RFB9 & RFB11 Series

Large capacity, steel floor box. Meets special space requirements of A/V type connectors to above-grade floors.

Wiremold products accept Ortronics® Series II® and TechChoice® communication and A/V devices. Wiremold Open A/V system accepts most manufacturers' A/V devices including Extron® Electronics, Crestron®, and Altinex, Inc.

Fire Classified Floor Boxes



Fire Classified Floor Boxes meet or exceed UL Fire Classification requirements for floor boxes eliminating the need for additional spraying or fireproofing in order to preserve the two hour fire rating for concrete floors.



OmniBox Series

Available in 1-, 2-, or 3-gangs, provides greater flexibility in capacity. Fully adjustable box before and after concrete pour for lower installed cost. Concrete-tight, stamped steel construction for lower cost option for above grade applications.



Resource RFB Series

4-compartment recessed floor box in both deep and shallow versions. Fully adjustable before and after pour. Accepts most manufacturers' power, communication, and A/V devices.

FEATURES

- UL Listed and UL Fire Classified to U.S. and Canadian safety standards for tile and terrazzo. Preserves up to a two-hour fire rating for floors. Eliminates the need to install additional fireproofing to maintain the floor's fire rating. Provides peace of mind for building owners, general contractors, installers and inspectors that floors meet safety guidelines.
- Available in one-, two-, three-, and four-gang configurations in both flush and recessed designs.
- Accepts existing floor box covers. Allows for a consistent aesthetic finish.
- Fire rated floor boxes provide multiple service and capacity options and can be installed 2 feet on center for increased accessibility to services for occupants.



Ratchet-Pro Series

Dual service, round, nonmetallic floor box. Patented ratchet adjusting ring allows connection of cover flange without glue or mechanical fasteners.



880MP Series

Rectangular nonmetallic floor box provides modular design and gangability. Patented ratchet adjusting ring allows connection of cover flange without glue or mechanical fasteners.

Wiremold FloorSource™ Raised Floor Boxes offer power, communication, and A/V solutions for raised floor applications. A variety of floor boxes designed especially for raised floors provide all the functionality, flexibility, accessibility, and capacity your application requires. Ideal for IT server rooms, computer labs, and financial, commercial, and educational institutions.

FloorSource AF Series™ Raised Floor Boxes



FloorSource AF Series™ Raised Floor Boxes provide point-of-use activations for multiple power and communications devices while offering greater flexibility relating to adds, moves and changes within a standard and shallow raised floor application. FloorSource AF Series Raised Floor Boxes can also be equipped with Walkerflex Modular wiring components.

FEATURES

- Locking tabs secure floor box to floor allowing quick and easy installation.
- Units can be prewired for power.
- Large multi-compartment boxes provide adequate wiring capacity and separation of A/V, power, and communication services.
- Multiple profiles and capacities available in different depths to meet different raised floor system requirements.
- Configurable – can be field-configured or reconfigured to accommodate power only, communication only, A/V only, or combinations of all three in one unit.

FloorSource AC Series™ Raised Floor Boxes



FloorSource AC Series™ Raised Floor Boxes provide point-of-use activations for multiple power and communications devices while offering greater flexibility relating to adds, moves and changes within the raised floor. FloorSource AC Series Raised Floor Boxes can also be equipped with Walkerflex Modular wiring components.

FEATURES

- Locking tabs secure floor box to floor allowing quick and easy installation.
- Units can be prewired for power.
- Large multi-compartment boxes provide adequate wiring capacity and separation of A/V, power, and communication services.
- Multiple profiles and capacities available in different depths to meet different raised floor system requirements.
- Configurable – can be field-configured or reconfigured to accommodate power only, communication only, A/V only, or combinations of all three in one unit.

Wiremold products accept Ortronics® Series II® and TechChoice® communication and A/V devices. Wiremold Open A/V system accepts most manufacturers' A/V devices including Extron® Electronics, Crestron®, and Altinex, Inc.

FloorSource CRFB Series™ Raised Floor Boxes



FloorSource CRFB Series™ Round Raised Floor Boxes provide accessibility and capacity for both power and communications in a recessed round floor box that meets the functionality and flexibility needs of Access Floor customers.



FEATURES

- Locking tabs help secure box to floor panel for quick and easy installation.
- Prewired and custom plate options. Prewired units reduce labor costs for field installation.
- Large multi-compartment boxes provide increased wiring capacity and isolates A/V, power, and communication services.
- CRFB Raised Floor Boxes are designed to be installed after floor coverings have been installed.
- Configurable – can be field-configured or reconfigured to accommodate power only, communication only, A/V only, or combinations of all three in one unit.
- Compatible with raised stages. CRFB Series Floor Boxes are designed to be used in raised stage applications such as: altars and balconies.

Wiremold Work Surface Solutions bring power, communication, and A/V connections right where they're needed – on the work surface, with ideal solutions for everything from workstations to conference room tables.

deQuorum™ Work Surface Portals



Portal

deQuorum™ Work Surface Portals provide flexibility in décor, power, communication, and A/V connectivity options, and installation to meet specific functional and aesthetic needs. Portals are recessed and covers can be closed during use to make them unobtrusive.



Flip-Up

deQuorum™ Work Surface Portals bring technology to the user in conference tables and workstations. Flip-Up Portals bring the modules above the work surface when needed for easy access.



Evolution™ Series

Evolution Series WorkSurface Portals provide the space to mount devices below the table top and the aesthetics to match room decor, with seamless integration of electrical, voice, data, video and audio.

FEATURES

- deQuorum Work Surface Portals can be configured to meet most A/V, power, and/or communications requirements including UTP, video, and fiber optics.
- Cable management – A separate compartment provides cable management below the mounting surface.
- Gasketed Receptacle – Two 15A or 20A spec grade receptacles are dust and moisture resistant.
- Hinged or spring-activated flip-up lid options provide access for making connections. Hinged option can be closed during use making the portal unobtrusive.
- Configurable – can be field-configured or reconfigured to accommodate power only, communication only, A/V only, or combinations of all three in one unit.
- Cover & Finish options – choose from a variety of finishes and several cover options including a recessed cover that can accept a wide range of laminates and veneers.

TableSource™ Work Surface Modules



TableSource™ Work Surface Portals provide flexibility in décor, power, communication, and A/V connectivity options, and installation to meet specific functional and aesthetic needs. Work Surface Modules are stand-alone units that can easily be added to any work area and require minimal and adaptable installation.

FEATURES

- Durable aluminum construction. Sturdy enough for long-term use in high activity applications such as public schools, libraries and universities.
- Backsplash bracket designed to provide quick and secure installation without marring the work surface.
- Gasketed 15A specgrade receptacle is dust and moisture resistant. Meets latest UL spill test requirements against accidental spills.
- Cord-ended model provides easy installation and mobility.
- Field wired option – Add a whip to field wire your solution.
- Finish options – Modules are available in a clear anodized aluminum finish or can be painted to complement any décor.
- Configurable – Design your own custom TableSource Module.
- Datacom connectivity options. Accepts industry standard and proprietary devices from a wide range of manufacturers to provide a seamless and aesthetically pleasing communications interface at the point-of-use.

Wiremold products accept Ortronics® Series II® and TechChoice® communication and A/V devices. Wiremold Open A/V system accepts most manufacturers' A/V devices including Extron® Electronics, Crestron®, and Altinex, Inc.

Wiremold Vista® Architectural Columns offer an array of customizable solutions for the A/V professional. These aesthetic columns can be used to feed numerous workstations, supply connections to a large area, or as a table leg to provide power, A/V, and communications to work surfaces. No matter what the capability, finish, fit or style you need, Vista Architectural Columns are your vertical solutions answer.

Vista™ Architectural Column



Vista™ Architectural Columns provide configurable solutions for power, A/V, wireless, and communication services in open spaces.



FEATURES

- Flexibility –Select from a range of panels, frame shapes, extensions, and frames to accommodate aesthetic and capacity requirements.
- Center panels are available in stylish finishes and color options including wood, glass and fabrics to enhance any decor.
- Add virtually any commercially available lighting fixture.
- Furniture feed options – Modular furniture feeds are available at the beltline and ground level.
- Extension kit accommodates many ceiling heights and now comes with a center panel.
- Device compatibility. Compatible with a wide range of standard A/V, power, and communications devices.
- On-line design tool. Visit www.wiremold.com/vista to design your own Vista Architectural Column.

Vista™ CP Consolidation Point



Vista Architectural Columns are an aesthetically pleasing way to provide A/V, power and communications in open space areas. The Vista Consolidation Point (CP) provides channels that conceal wires and cables behind a decorative center panel, and incorporates a user-installed patch panel with easy, secured access through a lockable door.



FEATURES

- Flexibility –Select from a range of panels, frame shapes, extensions, and frames to accommodate aesthetic and capacity requirements.
- Center panels are available in stylish finishes and color options including wood, glass and fabrics to enhance any decor.
- Add virtually any commercially available lighting fixture.
- Furniture feed options – Modular furniture feeds are available at the beltline and ground level.
- Extension kit accommodates many ceiling heights and now comes with a center panel.
- Device compatibility. Compatible with a wide range of standard A/V, power, and communications devices.
- On-line design tool. Visit www.wiremold.com/vista to design your own Vista Architectural Column.

Vista™ Point5 Architectural Column



The Vista Point5 provides power, communication, and A/V connections without disrupting conference spaces. Mounted on the floor, the Vista Point5 can nestle into the center of a contemporary conference table or double as one of the support legs. Clear access to outlets and jacks keeps the floor free from running cords and cables. And, the Vista Point5 offers easy communications connections for up to eight users. Make the most of any meeting space with the Vista Point5.



FEATURES

- Flexibility –Select from a range of panels, frame shapes, extensions, and frames to accommodate aesthetic and capacity requirements.
- Choice of heights to accommodate different work surfaces.
- Internal barrier permits A/V, electrical, and communications devices to be installed next to each other without interference.
- The Point 5 exceeds UL's Office Furnishings 1286 Stability test for force and impact.
- Device compatibility. Compatible with a wide range of standard A/V, power, and communications devices.
- On-line design tool. Visit www.wiremold.com/vista to design your own Vista Architectural Column.

Wiremold products accept Ortronics® Series II® and TechChoice® communication and A/V devices. Wiremold Open A/V system accepts most manufacturers' A/V devices including Extron® Electronics, Crestron®, and Altinex, Inc.

Wiremold Surface Raceway Systems provide efficient, cost-effective, and attractive ways to bring connections wherever they're needed in virtually any type of room. Available in a variety of sizes, capacities and materials, including aluminum, steel and nonmetallic – **Wiremold** raceway systems are designed to install easily, perform flawlessly, and blend beautifully with any décor. And now, they have designed-in compatibility for A/V applications.

DS4000® Series Raceway



Dual-channel raceway with increased capacity due to its unique profile, integral divider and downward facing activations. Ideal for any application that requires a high capacity metal raceway.



FEATURES

- Aesthetic, curved profile offers increased wiring capacity over conventional raceway profiles.
- Innovative Adjust-to-Fit™ Couplings.
- Pre-scored integral divider with predrilled knockouts.
- Downward facing activations provide protection for service connections.
- Bend radius control and obstacle avoidance fittings.
- Faster, easier installation than conventional raceway systems.
- Ideal for applications that requires a high capacity metal raceway.
- Available prewired for fast track construction.
- Expanded color palette.

2400 Series™ & 2400D Series™ Raceway



Single- or dual-channel raceway. Easy-to-install and ideal for basic power or communication/low voltage installations in classrooms, hotels, and anywhere a low profile raceway solution is needed.



FEATURES

- Low profile raceway available in both single- and dual-channel versions.
- Ideal for classrooms, hotel and office applications.
- Open power, A/V, and communication configurability.
- Downward facing activations.
- One-gang, two-gang, and over-the-raceway device boxes.
- In-line field-configurable receptacles.
- Full 2" [51mm] bend radius control fittings.
- Bridge fittings for crossing existing 500®, 700®, and 2400 Series™ Raceway installations.

5400 Series™ Raceway



5400 Series Raceway provides wire and cable management for power, communication, and A/V applications. For school and office installations, this is an ideal solution for providing access to services while maintaining wire and cabling flexibility.

FEATURES

- Large cable capacity in a low profile design – Accommodates needs now and in the future.
- Twin Snap cover – Complete segregation of access to power and low voltage services for installation flexibility.
- FiberReady Series Fittings snap on to overlap raceway for an aesthetic installation. Fittings are UL verified for a 2" [51mm] bend radius and exceed the recommendations of TIA/EIA 569-A.
- Corner drop feed – aesthetically pleasing solution for feeding horizontal runs of raceway.

Overfloor Raceway



Wiremold OFR Series™ Overfloor Raceway System provides four-channels of capacity and access to a wide range of data and A/V connectivity options in the smallest, lowest, narrowest, ADA compliant profile available in overfloor raceway systems.

FEATURES

- Lowest profile overfloor raceway available.
- Four-channel raceway provides space for power, data, and A/V.
- Transition options for popular Wiremold surface raceway systems and Vista Architectural Columns.
- Tamper-resistant design discourages unwanted access.
- Meets ADA Accessibility Guidelines.
- Attaches directly to floor coverings for faster easier installation.

Wiremold products accept Ortronics® Series II® and TechChoice® communication and A/V devices. Wiremold Open A/V system accepts most manufacturers' A/V devices including Extron® Electronics, Crestron®, and Altinex, Inc.

Why settle for the clutter of multiple wall boxes? **Wiremold** In-Wall Systems bring multiple services – power, A/V, and communication – together to a single wall location, for a cleaner look and greater flexibility.

WallSource Service Boxes



WallSource™ Multiple Service Boxes are six-gang boxes that can accommodate multiple services including power, communication, and A/V eliminating multiple drops and uneven wall faceplates.



FEATURES

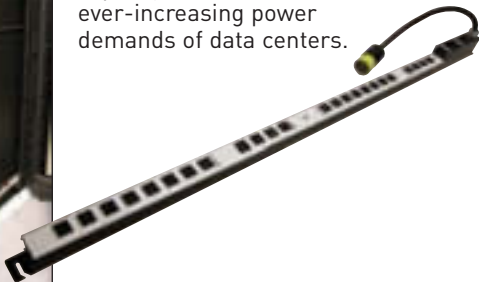
- Designed to accommodate multiple services in a single device box. Accepts power, communication, and A/V services in a single location.
- Up to six-gangs of service capacity. Provides depth and capacity for multiple types of devices.
- Improves room aesthetics by eliminating the need for multiple wall plates and device boxes for multiple services.

From a simple power outlet strip, to a surge protected, network controlled power distribution unit (PDU), **Wiremold** power products offer the A/V professional a complete line of power distribution systems. Whether you need to provide power protection to a workstation, a rack, or an entire building, **Wiremold** power products deliver the quality power you need.

Power Commander® Plus



Power Commander® Plus High Current Power Distribution Units offer the capacity to meet the ever-increasing power demands of data centers.



FEATURES

- 50Amp & 60Amp power distribution.
- Three-circuit design.
- UL489 breakers.
- 50A single phase design.
- IEC receptacles.
- Easy swivel mounting.

Power Commander® IQ



Power Commander® IQ Power Distribution Units offer remote current and temperature monitoring of connected equipment and individual outlet control for power recycling.



FEATURES

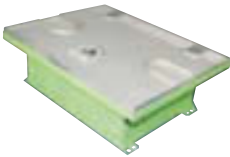
- Remote current & temperature monitoring.
- Individual outlet control for power recycling.
- Early warning of potential power or environmental problems.
- Remote power management for UP/Down sequencing of equipment.
- Network security.
- Multiple alarm notification options.

Wiremold products accept Ortronics® Series II® and TechChoice® communication and A/V devices. Wiremold Open A/V system accepts most manufacturers' A/V devices including Extron® Electronics, Crestron®, and Altinex, Inc.

A/V COMPATIBILITY – Wiremold Pathways Quick Selection Guide



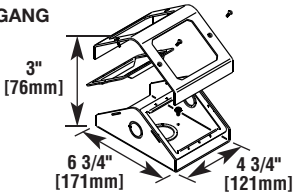
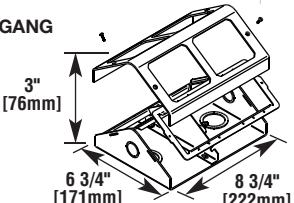
This Quick Selection Guide is designed to get you started. Use it to identify the series of products best suited for your needs. Then refer to the product's section of this Product Guide for the information needed to complete your system solution.

RAISED FLOOR BOXES	A/V COMPATIBILITY	INSTALLATION CONSIDERATIONS	POWER COMPATIBILITY	COMMUNICATION COMPATIBILITY
FloorSource AF Series™				
AF-1, AF-3 	Altinex® Intera Crestron® QuickMedia Wall Plate Device Extron® AAP, MAAP & Decorator Ortronics® Series II	Infeed Conduit Size: 1/2" & 3/4" Trade Size Floor Type: Raised Min. Floor Depth: 5" Depth Behind Plates: 2 3/4" with Back Plate installed Note: Communication back plate can be removed for more depth if needed.	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
SAF21/2 	Extron® MAAP Ortronics® Series II	Infeed Conduit Size: 1/2" & 3/4" Trade Size Floor Type: Raised Min. Floor Depth: 2 1/2" Depth Behind Plates: 1 3/4" with Back Plate installed Note: Communication back plate can be removed for more depth if needed.	15A & 20A Duplex	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
FloorSource AC Series™				
AC8850, AC8105 	Altinex® Intera Extron® AAP, MAAP & Decorator Ortronics® Series II	Infeed Conduit Size: 1/2" & 3/4" Trade Size Floor Type: Raised Min. Floor Depth: 5" Depth Behind Plates: 2" with Back Plate installed Note: Communication back plate can be removed for more depth if needed.	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
AC10105-2 	Altinex® Intera Extron® AAP, MAAP & Decorator Ortronics® Series II	Infeed Conduit Size: 1/2"-3/4" Trade Size Floor Type: Raised Min. Floor Depth: 5" Depth Behind Plates: 2" with Back Plate installed Note: Communication back plate can be removed for more depth if needed.	15A & 20A Duplex, GFCI,	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
FloorSource CRFB Series™				
CRFB 	Altinex® Intera Extron® AAP, MAAP & Decorator Ortronics® Series II	Infeed Conduit Size: 1/2"-2" Trade Size Floor Type: Raised Min. Floor Depth: 7" Depth Behind Plates: 2 1/4" with Back Plate installed	15A & 20A Duplex, GFCI, 30A Receptacles	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx

CONVENTION CENTER FLOOR BOXES	A/V COMPATIBILITY	INSTALLATION CONSIDERATIONS	POWER COMPATIBILITY	COMMUNICATION COMPATIBILITY
CCBB Series				
	Altinex® Intera Crestron® QuickMedia & Digital Media Wall Plate Devices Extron® AAP, MAAP, & Decorator Ortronics® Series II	Infeed Conduit Size: 3/4", 1 1/2", 2" Trade Size Installation: On-Grade & Above-Grade Floor Depth: 6 1/4" Capacity: 12 Gangs Depth Behind Plates: 3 3/4" Fire Classified Version: Available	15A & 20A Duplex, GFCI, Decorator, 30A	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx

FLOOR BOXES	A/V COMPATIBILITY	INSTALLATION CONSIDERATIONS	POWER COMPATIBILITY	COMMUNICATION COMPATIBILITY
Resource RFB® Series				
RFB2 Series 	Altinex® Intera Extron® AAP, MAAP, & Decorator Ortronics® Series II	Infeed Conduit Size: 3/4"-1 1/4" Trade Size Installation: On-Grade & Above-Grade Floor Depth: 2 1/2"-3 1/2" Capacity: 2 Gangs Depth Behind Plates: 3" Fire Classified Version: Available	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
RFB4 Series 	Altinex® Intera Extron® AAP, MAAP, & Decorator Ortronics® Series II	Infeed Conduit Size: 3/4"-1 1/4" Trade Size Installation: On-Grade & Above-Grade Floor Depth: 2 1/2"-3 1/2" Capacity: 4 Gangs Depth Behind Plates: 2" Fire Classified Version: Available	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
RFB6 Series 	Altinex® Intera Extron® AAP & MAAP Ortronics® Series II	Infeed Conduit Size: 3/4"-1 1/4" Trade Size Installation: On-Grade & Above-Grade Floor Depth: 3 1/2" Capacity: 6 Gangs Depth Behind Plates: 3 1/4" Fire Classified Version: Not Available	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
RFB9 & RFB11 Series 	Altinex® Intera Crestron® QuickMedia & Digital Media Wall Plate Devices Extron® AAP, MAAP, & Decorator Ortronics® Series II	Infeed Conduit Size: 3/4"-2" Trade Size Installation: On-Grade & Above-Grade Floor Depth: 4"-6" Capacity: 9-11 Gangs Depth Behind Plates: 2 1/2" Fire Classified Version: Not Available	15A & 20A Duplex, GFCI, Decorator, 30A	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
Ratchet-Pro™ Series				
	Altinex® Intera Extron® MAAP Ortronics® Series II	Infeed Conduit Size: 1" Trade Size Installation: On-Grade & Above-Grade Floor Depth: Up to 6" Capacity: Single Gang Depth Behind Plates: 1 3/4" Fire Classified Version: Available	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
Modulink™ 880MP Series				
	Altinex® Intera Ortronics® Series II	Infeed Conduit Size: 1 1/4" Trade Size Installation: On-Grade & Above-Grade Floor Depth: Up to 6" Capacity: Single, Dual & Triple Gang Depth Behind Plates: 1 3/4" Fire Classified Version: Available	15A & 20A Duplex, GFCI, Decorator, 30A Locking	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
880W Series™				
	Altinex® Intera Crestron® QuickMedia Wall Plate Device Extron® MAAP & Decorator Ortronics® Series II	Infeed Conduit Size: 1/2"-3/4" Trade Size Floor Type: Wood Capacity: One- to Three-Gangs Depth Behind Plates: 2 3/4" Fire Classified Version: Not Available	15A & 20A Duplex, 20A & 30 A Locking, GFCI,	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
OmniBox™ Series				
	Altinex® Intera Extron® MAAP & Decorator Ortronics® Series II	Infeed Conduit Size: 1/2"-3/4" Trade Size Installation: On-Grade & Above-Grade Floor Depth: 3 1/4"-4 1/2" Box Type: Stamped Steel & Cast Iron Depth Behind Plates: 2 3/4" Fire Classified Version: Available	15A & 20A Duplex, 20A & 30 A Locking, GFCI,	Ortronics® Series II & TracJack, Pass & Seymour® Activate, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx

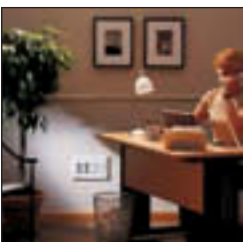
POKE-THRU DEVICES	A/V COMPATIBILITY	INSTALLATION CONSIDERATIONS	POWER COMPATIBILITY	COMMUNICATION COMPATIBILITY
Evolution™ Series Poke-Thru Devices				
6AT Series 	Altinex® Intera Crestron® QuickMedia Wall Plate Device Extron® AAP & MAAP Ortronics® Series II Kramer®	Infeed Conduit Size: 3/4"-2" Depth Behind Plates: 3 1/2"	15A & 20A Duplex, GFCI, Decorator, 20A Single Receptacle	Ortronics® Series II, TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
8AT Series 	Altinex® Intera Crestron® QuickMedia Wall Plate Device Extron® AAP & MAAP Ortronics® Series II Kramer®	Infeed Conduit Size: 3/4"-2" Depth Behind Plates: 3 1/2"	15A & 20A Duplex, GFCI, Decorator, 20A Single Receptacle	Ortronics® Series II, TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
AV3 Series™ Poke-Thru Devices				
	Extron® MAAP Ortronics® Series II	Infeed Conduit Size: 3/4"-1 1/4" KO Size(s): 3/4"-1 1/4" Depth Behind Plates: 1 1/4"	20A Duplex Proprietary	Ortronics® Series II, TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx


SERVICE FITTINGS	A/V COMPATIBILITY	INSTALLATION CONSIDERATIONS	POWER COMPATIBILITY	COMMUNICATION COMPATIBILITY
525 Series™ Service Fittings				
	Altinex® Intera Extron® MAAP Ortronics® Series II	Service Capacity: Single Service System Compatibility: Underfloor Duct, Walkercell, Flushduct Depth Behind Plates: 3 1/8" Dimensions: 4 7/16"L x 3"H x 3 1/8"D System Feed: 1" or 1 1/4" Trade Size	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Pass & Seymour® Activate, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
Multiplex™ Series Service Fittings				
	Altinex® Intera, Extron® MAAP, Ortronics® Series II	Service Capacity: Dual Service, 1- & 2-Gang System Compatibility: Underfloor Duct, Walkercell, Flushduct Depth Behind Plates: 1 3/4" Dimensions: 4 3/4"L x 3"H x 6 3/4"D System Feed: 1" or 1 1/4" Trade Size	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> <p>1-GANG</p>  <p>3" [76mm] 6 3/4" [171mm] 4 3/4" [121mm]</p> </div> <div style="text-align: center;"> <p>2-GANG</p>  <p>3" [76mm] 6 3/4" [171mm] 8 3/4" [222mm]</p> </div> </div>				

RACEWAY SYSTEMS	A/V COMPATIBILITY	INSTALLATION CONSIDERATIONS	POWER COMPATIBILITY	COMMUNICATION COMPATIBILITY
2400 Series™ & 2400D Series™ Raceway				
	Altinex® Intera Extron® MAAP Ortronics® Series II	KO sizes: 1/2", 3/4", 1" Trade Size Depth Behind Plates: 2"	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
3000 Series™ Raceway				
	Altinex® Intera Extron® AAP & MAAP Ortronics® Series II	KO sizes: 1/2", 3/4", 1" Trade Size Depth Behind Plates: 2 3/4"	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
DS4000® Series Raceway				
	Altinex® Intera Extron® MAAP Ortronics® Series II	KO sizes: 3/4", 1 1/4", 2 1/8" Trade Size Depth Behind Plates: 2 7/8" in single channel, 5 3/4" crossover, both channels	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
4000 Series™ Raceway				
	Altinex® Intera Crestron® QuickMedia Wall Plate Device Extron® AAP & MAAP Ortronics® Series II	KO sizes: 1/2", 3/4", 1", 1 1/4" Trade Size Depth Behind Plates: 2 3/4", Also available with angled plate for increased depth	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
5400 Series™ Raceway				
	Altinex® Intera Extron® MAAP Ortronics® Series II	KO sizes: 1/2", 3/4", 1", 1 1/4", 1 1/2", 2" Trade Size Depth Behind Plates: 1 3/4", Also available with angled plate for increased depth	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
OFR Series™ Overfloor Raceway				
	Altinex® Intera Extron® AAP & MAAP Ortronics® Series II	KO sizes: 1/2", 1 1/4" Trade Size Depth Behind Plates: 4 3/4"	15A & 20A Duplex, GFCI,	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx

VERTICAL SOLUTIONS	A/V COMPATIBILITY	INSTALLATION CONSIDERATIONS	POWER COMPATIBILITY	COMMUNICATION COMPATIBILITY
Vista™ Architectural Columns				
	Altinex® Intera Crestron® QuickMedia Wall Plate Device Extron® AAP & MAAP Ortronics® Series II	End Channel Profile: Round or Square Dimensions: 4" x 9" or 4" x 13 1/2" Height: 10' (up to 15' with Extension Kit) Service Capability: Dual KO Feed Sizes: 3/4", 1" Trade Size Depth Behind Plate: 3 3/4" Configurable Solutions Available	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
Vista™ CP Consolidation Point				
	Altinex® Intera Crestron® QuickMedia Wall Plate Device Extron® AAP & MAAP Ortronics® Series II	End Channel Profile: Round or Square Dimensions: 4" x 13 1/2" Height: 10' (up to 15' with Extension Kit) Service Capability: Dual KO Feed Sizes: 3/4", 1" Trade Size Depth Behind Plate: 3 3/4" Configurable Solutions Available	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
Vista™ Point5 Architectural Column				
	Altinex® Intera Crestron® QuickMedia Wall Plate Device Extron® AAP & MAAP Ortronics® Series II	End Channel Profile: Round or Square Dimensions: 4" x 9" or 4" x 13 1/2" Height: 3' Service Capability: Dual KO Feed Sizes: 3/4", 1" Trade Size Depth Behind Plate: 3 3/4" Configurable Solutions Available	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
Tele-Power® Poles				
V30TP-4V 	Extron® AAP & MAAP Ortronics® Series II	Dimensions: 3" x 2 3/4" Height: 10', 12' standard lengths Service Capability: Dual KO Feed Sizes: 3/4", 1" Trade Size Depth Behind Plate: 2 7/8" Configurable Solutions Available	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx

WORK SURFACE SOLUTIONS	A/V COMPATIBILITY	INSTALLATION CONSIDERATIONS	POWER COMPATIBILITY	COMMUNICATION COMPATIBILITY
dequorum™ Work Surface Portals				
Flip-Up Portals 	Extron® AAP & MAAP Ortronics® Series II	Power Feeds: Cord Ended or Hard Wired Dimensions: 3 3/8"D x 7 7/8"L x 5 1/8"W Depth Behind Plates: 1 1/4" With Back Plate Installed	15A or 20A Receptacles Pre-loaded	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
Pop-Up Portals 	Ortronics® Series II	Power Feeds: Cord Ended or Hard Wired Dimensions: 4 7/8"L x 4 3/4"W or 9 1/4"L x 4 3/4"W Depth Behind Plates: 1 1/2"	15A or 20A Duplex	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx
Evolution™ Series 	Extron® MAAP Ortronics® Series II	Power Feeds: Cord Ended Dimensions: 6" or 8" Diameter Depth Behind Plates: 3 1/2"	Four Single 20A Proprietary	Ortronics® Cat 6 RJ45 Keystone
TableSource™ Work Surface Modules				
	Crestron® QuickMedia Wall Plate Device Ortronics® Series II	Power Feeds: Cord Ended or Hard Wired Dimensions: 6 5/7"L x 2"W x 2"H or 9 1/10"L x 2"W x 2"H Depth Behind Plates: 1 3/8"	15A Duplex, GFCI,	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx

IN-WALL SYSTEMS	A/V COMPATIBILITY	INSTALLATION CONSIDERATIONS	POWER COMPATIBILITY	COMMUNICATION COMPATIBILITY
WallSource™ Service Boxes				
	Altinex® Intera Crestron® QuickMedia Wall Plate Device Extron® AAP & MAAP Ortronics® Series II	Configuration(s): 2-, 4- or 6-Gang Dimensions: 2-Gang – 4 3/4"L x 5"W x 3 1/4"D 4-Gang – 9 3/16"L x 5"W x 3 1/4"D 6-Gang – 13 3/16"L x 5"W x 3 1/4"D KO Sizes: 1/2", 3/4", 1", 1 1/2" Trade Size Depth Behind Plates: 3 1/4"	15A & 20A Duplex, GFCI, Decorator	Ortronics® Series II & TracJack, Wiremold Open System CM2 Series accepts Avaya/Systimax, Keystone & Nordx

FIRE STOP FITTINGS	A/V COMPATIBILITY	INSTALLATION CONSIDERATIONS	POWER COMPATIBILITY	COMMUNICATION COMPATIBILITY
FlameStopper™ Series Thru-Wall & Thru-Floor Fittings				
		Configuration(s): 2" & 4" Trade Size Conduit Sleeves Dimensions: 6 1/4" x 6" x 1 3/4" 3 3/4" x 3 5/8" x 1 3/4" Applications: New & Retrofit Construction		

COMMUNICATIONS CONNECTIVITY

Wiremold® pathways and cable management systems offer a wide range of options for providing datacom connectivity including:

Ortronics® Connectivity	16
Wiremold® Open System Connectivity	16
Wiremold® CM Series Communication Modules	17



ORTRONICS CONNECTIVITY

**TracJack Individual Jack System**

- Front-loading, snap-in design supports future moves adds and changes
- Inserts for voice, data, audio, and video
- Available Category 3, 5e, 6, USOC 6-position, and other media
- Flat or angled 45° exit configurations
- Choice of 13 colors and color matched to Wiremold systems
- Universal T568A/B wiring format

**Series II Front-Loading, Module System**

- Module design features easy snap-in front-loading design
- Linear 110 punch down format for easy termination
- Inserts for voice, data, audio, and video
- Available Category 3, 5e, 6, USOC 6-position, and other media
- Available in flat or angled 45° exit configurations
- Color matched to Wiremold Systems

For detailed product selection refer to the Ortronics Catalog or visit www.ortronics.com.

WIREMOLD OPEN CONNECTIVITY SOLUTIONS

**Wiremold Open System Communications Modules**

- Accommodate a wide range of manufacturers' communications outlets including keystone jacks, as well as proprietary solutions from Systimax (Avaya) and NORDX
- Modules fit into a wide range of Wiremold Systems
- Pre-punched faceplates accept common communication devices

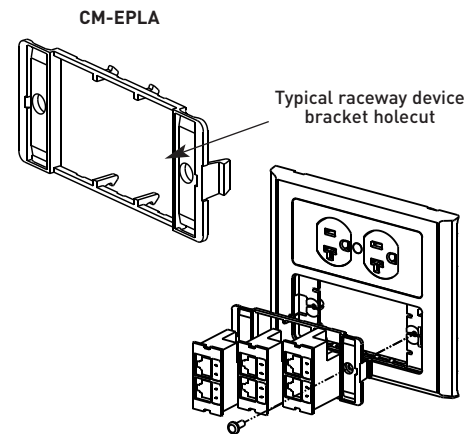
For more information on integrating connectivity into Wiremold Cable Management Systems, contact the Wiremold Applications Engineering Team or your local Wiremold Sales Representative.

TYPICAL INSTALLATION FOR CABLE MANAGEMENT APPLICATIONS

1. Bring all station cables through the opening in the device mounting bracket.
2. Mount communication devices in unloaded inserts and terminate or attach cable per manufacturers instructions.
3. Reverse the module and snap into the device bracket. Entire faceplate must be filled with inserts or blanks.

**Typical Mounting Brackets
(4050, 5450, 5550, 40N2, 2344SD-2A, 2444D-2A and
WSA07A Device Mounting Plates)**

1. Insert CM-EPLA end plate into the bracket opening.
2. Slide end plate to engage hooks into locking slots. (Be sure end plate edge is seated against edge of trim plate opening.) Two end plates are required as shown.
3. After end plates are in place, install modules by aligning over space between end plates and pushing inward until snaps engage. 6A configuring options apply to opening as shown below.



CM SERIES™ COMMUNICATION MODULES

CM Series™ Communication Modules provide a variety of unloaded modules to accept devices from other manufacturers. These open system modules provide a flexible and aesthetically pleasing way to connect communication cabling at the point-of-use.

CM Series™ Communication Modules UL Code Reference 17
 CM Series™ Communication Modules Color Options 17
 CM Series™ Communication Modules Ordering Information 17
 CM Series™ Communication Modules Specialty Mounting Bezels & Adapters Ordering Information 18

CODE REFERENCE

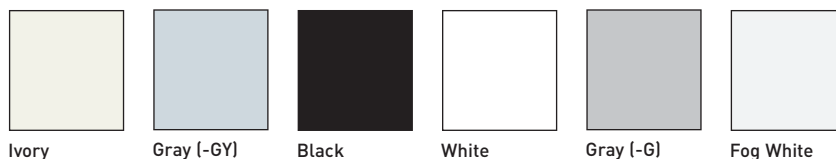
cULus Listed Communication Circuit Accessories:
 File E145222 Guide DUXR.
 Meets Article 800 of NEC. Meets Article 60-308 of CEC.



CM Series Communication Modules.

CM SERIES COMMUNICATION MODULES COLOR OPTIONS

CM Series™ Communication Modules standard color is ivory. For other colors, add one of the following suffixes: “-WH” for white, “-GY” for light gray (matches aluminum and nonmetallic products), “-BK” for black, or “-G” for gray (matches Wiremold gray steel products).



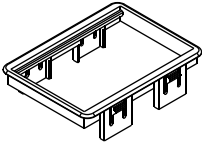
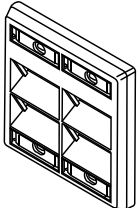
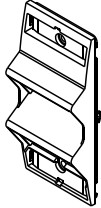
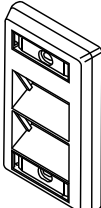
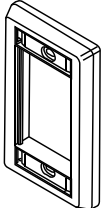
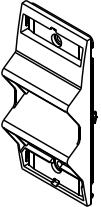
CM SERIES COMMUNICATION MODULES ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
CM2-U1KEYA CM2-U1KEYA-WH CM2-U1KEYA-GY CM2-U1KEYA-BK CM2-U1KEYA-G	2A SINGLE FLUSHMOUNT UNLOADED KEYSTONE MODULE – Accepts keystone jacks with a latching area of 0.58" x 0.76" [14.7mm x 19.3 mm].	CM2-U2ATT CM2-U2ATT-WH CM2-U2ATT-GY CM2-U2ATT-BK CM2-U2ATT-G	2A SINGLE SYSTIMAX (AVAYA) UNLOADED MODULE – Accepts both M-series jacks and LC fiber adapters.
CM2-U2KEYA CM2-U2KEYA-WH CM2-U2KEYA-GY CM2-U2KEYA-BK CM2-U2KEYA-G	2A DUAL FLUSHMOUNT UNLOADED KEYSTONE MODULE – Accepts keystone jacks with a latching area of 0.58" x 0.76" [14.7mm x 19.3 mm].	CM2-U1NOR CM2-U1NOR-WH CM2-U1NOR-GY CM2-U1NOR-BK CM2-U1NOR-G	2A SINGLE FLUSHMOUNT NORDX/CDT UNLOADED MODULE – Accepts MDVOflex jacks and fiber modules.
CM2-U1ATT CM2-U1ATT-WH CM2-U1ATT-GY CM2-U1ATT-BK CM2-U1ATT-G	2A SINGLE SYSTIMAX (AVAYA) UNLOADED MODULE – Accepts both M-series jacks and LC fiber adapters.	CM2-U2NOR CM2-U2NOR-WH CM2-U2NOR-GY CM2-U2NOR-BK CM2-U2NOR-G	2A DUAL FLUSHMOUNT NORDX/CDT UNLOADED MODULE – Accepts MDVOflex jacks and fiber modules.

CM SERIES COMMUNICATION MODULES ORDERING INFORMATION (continued)			
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
CM2-U2ST CM2-U2ST-WH CM2-U2ST-GY CM2-U2ST-BK CM2-U2ST-G	2A DUAL UNLOADED ST ADAPTER MODULE – Accepts 2 ST adapters.	CM2-U2AMP CM2-U2AMP-WH CM2-U2AMP-GY CM2-U2AMP-BK CM2-U2AMP-G	2A UNLOADED SINGLE AMP NETCONNECT MODULE – For mounting two AMP NETCONNECT SL Series devices.
CM2-U2SC CM2-U2SC-WH CM2-U2SC-GY CM2-U2SC-BK CM2-U2SC-G	2A UNLOADED DUPLEX SC ADAPTER MODULE – Accepts one SC adapter.	CM2-BL CM2-BL-WH CM2-BL-GY CM2-BL-BK CM2-BL-G	2A BLANK MODULE – Required to fill unused openings.
CM2-U2TJ CM2-U2TJ-WH CM2-U2TJ-GY CM2-U2TJ-BK CM2-U2TJ-G	2A DUAL FLUSHMOUNT UNLOADED ORTRONICS® TRACJACK MODULE – For mounting two TracJack devices.	CM2-U2SVGA CM2-U2SVGA-WH CM2-U2SVGA-GY CM2-U2SVGA-BK CM2-U2SVGA-G	2A SVGA MODULE – Accepts one SVGA connector.

CM SERIES COMMUNICATION MODULES SPECIALTY MOUNTING BEZELS & ADAPTERS ORDERING INFORMATION			
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
CM-EPLA CM-EPLA-WH CM-EPLA-FW CM-EPLA-G	END PLATE – End plates with two outlet ID labels with clear covers and two matching screw covers. Required when mounting modules into 4050, 5450, 5550, and WSA07-4A device mounting brackets, and the V2444D-2A and 2344SD-2A 2-gang divided raceway box.	ABS2 ABS2-WH ABS2-GY ABS2-BK ABS2-G	ORTRONICS® SERIES II 2A MINI ADAPTER MOUNTING BEZEL – Accepts one Ortronics Series II 1-unit insert.
CM-2AB CM-2AB-WH CM-2AB-GY CM-2AB-BK CM-2AB-G	CM2/ACTIVATE 2A MINI ADAPTER MOUNTING BEZEL – Accepts one CM2 Series communication module or one Pass & Seymour 2A Activate Series insert.	CM-MAB CM-MAB-GY CM-MAB-BK CM-MAB-FW	6A MINI ADAPTER MOUNTING BEZEL – 6A opening. Must be purchased separately for mounting communication modules in Walker service fittings where it is indicated they are not included.
AB2TJ AB2TJ-WH AB2TJ-GY AB2TJ-BK AB2TJ-G	ORTRONICS® TRACJACK 2A MINI ADAPTER MOUNTING BEZEL – Accepts two Ortronics Tracjack Inserts.	MAB6TJ MAB6TJ-WH MAB6TJ-GY MAB6TJ-BK MAB6TJ-G	ORTRONICS® TRACJACK 6A ADAPTER MOUNTING BEZEL – Accepts six Ortronics TracJack inserts.

CM SERIES COMMUNICATION MODULES SPECIALTY MOUNTING BEZELS & ADAPTERS ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
<p>MAB3S2 MAB3S2-GY MAB3S2-BK MAB3S2-G</p> 	<p>ORTRONICS® SERIES II 6A ADAPTER MOUNTING BEZEL – Accepts three Ortronics Series II 1-unit inserts.</p>	<p>CM-DAP CM-DAP-WH CM-DAP-GY CM-DAP-BK CM-DAP-G</p> 	<p>DOUBLE-GANG ANGLED FACEPLATE – For mounting four CM2 Series modules or Pass & Seymour Activate Series device modules.</p>
<p>CM-ARA CM-ARA-WH CM-ARA-GY CM-ARA-BK CM-ARA-G</p> 	<p>ANGLED RACEWAY ADAPTER – For use with multi-channel raceway device brackets and WallSource device mounting brackets. Angled exit provides additional mounting depth required for audio/visual connections as well as ensuring the required bend radius for UTP and fiber optic cabling. Holds two CM2 Series modules or two 2A inserts. Fits 5507 Series Faceplate opening.</p>	<p>CM-SAP CM-SAP-WH CM-SAP-GY CM-SAP-BK CM-SAP-G</p> 	<p>DOUBLE-GANG FACEPLATE – For mounting six CM2 Series modules or Pass & Seymour Activate Series device modules.</p> <p>CM-SFP CM-SFP-WH CM-SFP-GY CM-SFP-BK CM-SFP-G</p> 
<p>ARA-S2-IV ARA-S2-FW ARA-S2-BK ARA-S2-G ARA-S2-WH</p> 	<p>SINGLE-GANG ANGLED FACEPLATE – For mounting two CM2 Series modules or Pass & Seymour Activate Series device modules.</p> <p>ANGLED RACEWAY ADAPTER – For use with multi-channel raceway device brackets and WallSource device mounting brackets. Angled exit provides additional mounting depth required for A/V connections as well as ensuring the required bend radius for UTP and fiber optic cabling. Holds two Ortronics® Series II modules. Fits 5507 Series Faceplate opening.</p>		

STEEL SURFACE RACEWAY SYSTEMS



Wiremold® Steel Surface Raceway Systems are the industry leaders in quality, ease of installation, and for providing pathway solutions for all types of installations. For over 50 years, Wiremold Steel Surface Raceway Systems have provided the highest quality, most dependable solutions for installers, building owners, and designers. With the introduction of our new 4000® Designer Series Raceway System, we're again pushing the envelope by expanding the capacity, capabilities, and aesthetics of surface raceway systems.

QUICK SELECTION GUIDE 22

One-Piece Steel Raceway Systems

500® & 700® Series Raceway 23

Two-Piece Steel Small Single- & Dual-Channel Raceway Systems

2000® Series Raceway 31

2400 Series™ Raceway 34

2400D Series™ Raceway 39

3000® Series Raceway 43

4000 Designer Series Raceway

DS4000® Series Raceway 48

Two-Piece Steel Large Multiple-Channel Raceway Systems

4000® Series Raceway 53

4047 Series™ Device Plates 58

S4000® Series Stainless Steel Raceway 61

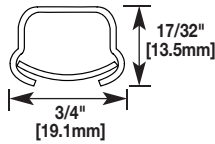
6000® Series Raceway 67

Multi-Compartment Surface Metal Raceway Systems

AnySize™ Series Raceway 71

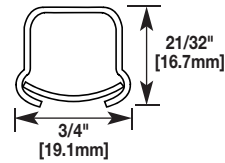


500° SERIES RACEWAY



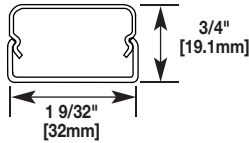
TYPE: One-Piece, Single-Channel
CAPACITY: 0.19in² [123mm²]
COLORS: Ivory

700° SERIES RACEWAY



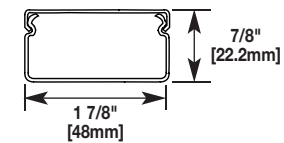
TYPE: Two-Piece, Single-Channel
CAPACITY: 0.26in² [168mm²]
COLORS: Ivory, White

2000° SERIES RACEWAY



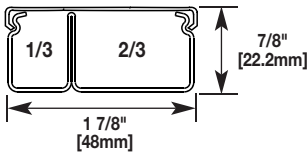
TYPE: Two-Piece, Single-Channel
CAPACITY: 0.80in² [516mm²]
COLORS: Ivory, Gray

2400™ SERIES RACEWAY



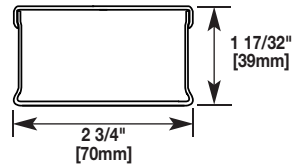
TYPE: Two-Piece, Single-Channel
CAPACITY: 1.39in² [897mm²]
COLORS: Ivory, Fog White

2400D SERIES™ RACEWAY



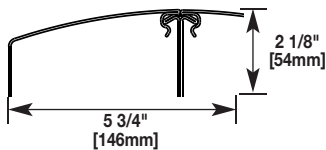
TYPE: Two-Piece, Dual-Channel
CAPACITY: 1/3 Comp.: 0.374in² [241mm²],
 2/3 Comp.: 0.865in² [558mm²]
COLORS: Ivory, Fog White

3000° SERIES RACEWAY



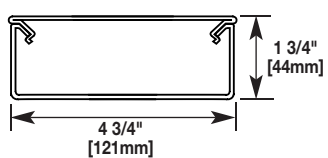
TYPE: Two-Piece, Single-Channel
CAPACITY: 3.70in² [2340mm²]
COLORS: Ivory, Gray

DS4000° SERIES RACEWAY



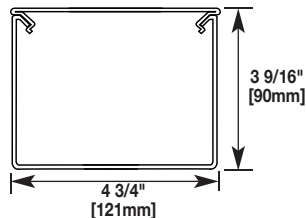
TYPE: Three-Piece, Dual-Channel
CAPACITY: Each Compartment: 5.01in² [3235mm²]
COLORS: Designer Ivory, Designer Gray,
 Matte Black, Metallic Bronze

4000° SERIES RACEWAY



TYPE: Two-Piece, Single- or Dual-Channel
CAPACITY: Divided: 3.10in² [2000mm²],
 Undivided: 7.20in² [4645mm²]
COLORS: Ivory, Gray, Stainless

6000° SERIES RACEWAY



TYPE: Two-Piece, Single- or Dual-Channel
CAPACITY: Divided: 7.20in² [4645mm²],
 Undivided: 16.00in² [10320mm²]
COLORS: Ivory, Gray

ANYSIZE™ SERIES RACEWAY





500® & 700® SERIES RACEWAYS

One-piece, single-channel raceway. Easy-to-install and ideal for basic power or communication/low voltage installations. Provides low profile appearance that blends with any decor.

- 500® & 700® Series Raceways UL Code Reference 23
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- 500® & 700® Series Tools Ordering Information 30
- 500® & 700® Series Installation Details 30



500 Series Raceway components used in a ceiling fan installation.

500® & 700® SERIES RACEWAYS

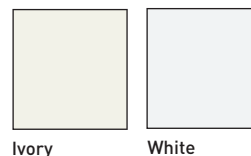
CODE REFERENCE

cULus Listed Raceway:
File E4376 Guide RJBT.
Fittings:
File E41751 Guide RJPR.
Meets Article 386 of NEC.
Meets Section 12-1600 of CEC.

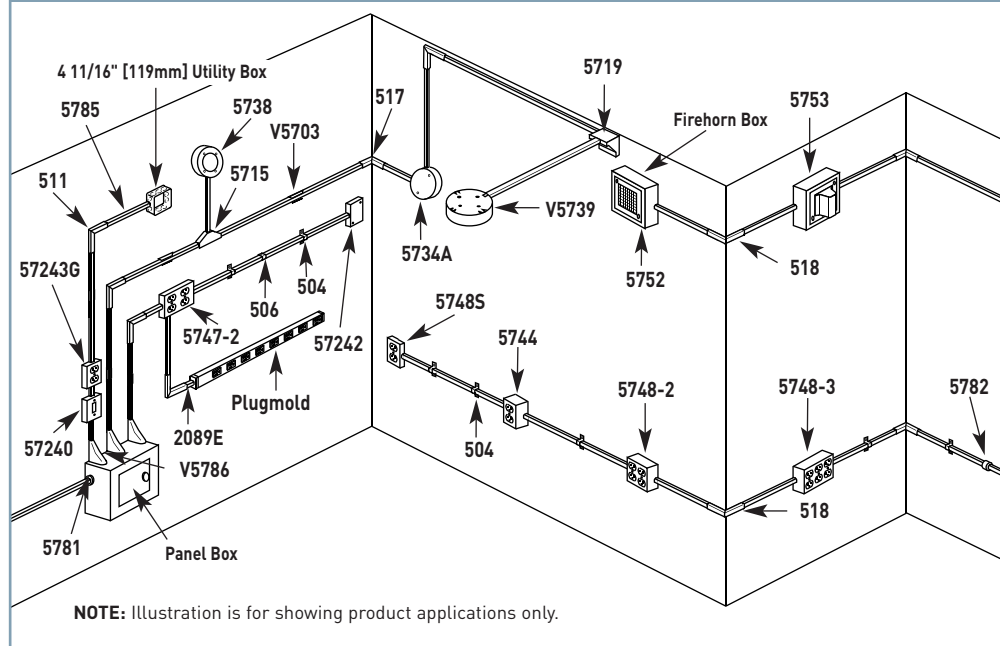
500 & 700 SERIES RACEWAYS COLOR OPTIONS

500® and 700® Series Raceway Part Numbers with a "V" prefix have an ivory finish. Part Numbers with a "WH" suffix have a white finish. Some Device Boxes used in safety applications are also available with a red painted finish.

Custom color options are also available. Consult the factory for more information.



500 & 700 SERIES RACEWAYS SYSTEM LAYOUT



NOTE: Illustration is for showing product applications only.

KEY

- 2089E Reducing Fitting
- 504 Mounting Strap
- 506 Cover Clip
- 511 Flat Elbow
- 517 Internal Elbow
- 518 External Elbow
- 5703 Supporting Clip
- 5715 Tee
- 5719 Corner Box
- 5734A Utility Box
- 5738 Fixture Box Solid Base
- 5739 Fixture Box Solid Base
- 5744 Extra Deep Device Box
- 5747-2 Two-Gang Shallow Device Box
- 5748S Shallow Device Box
- 5748-2 Two-Gang Device Box
- 5748-3 Three-Gang Device Box
- 5752 Alarm Device Box
- 5753 Extra Deep Alarm Device Box
- 5781 Box Connector
- 5782 1/2" [12.7mm] Conduit Connector
- 5785 Combination Connector
- 5786 Adjustable Offset Connector
- 57240 Single Pole Switch and Box
- 57242 Utility Box
- 57243G Duplex Receptacle and Box

500 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.) Inches [mm]	40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190 [4.8]	2
	4-pair, 24 AWG, Cat 5e	0.210 [5.3]	2
	4-pair, 24 AWG, Cat 6	0.250 [6.3]	1
	4-pair, 24 AWG, Cat 6a*	0.354 [9.0]	0
	25-pair, 24 AWG	0.410 [10.4]	0
COAXIAL	RG6/U	0.270 [6.9]	1
FIBER	ZipCord	0.118 x 0.236 [3 x 6]	2
	Round 4 Strand Fiber	0.187 [4.8]	2
	Round 6 Strand Fiber	0.256 [6.5]	1

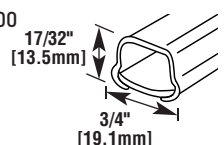
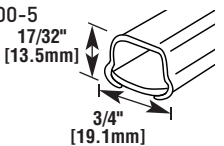
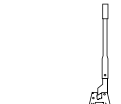
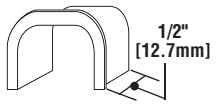
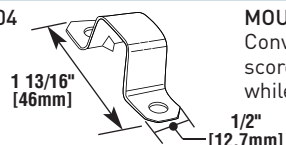
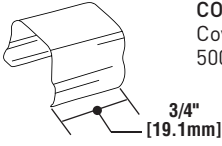
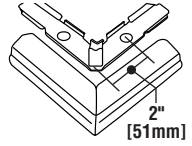
NOTE: For additional information, refer to the Technical Section.

* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

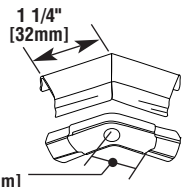
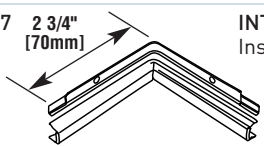
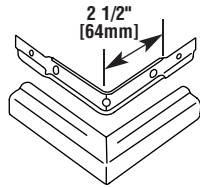
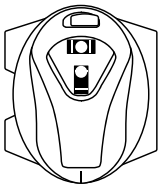
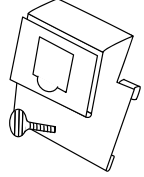


500 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D. Inches [mm]	NO. OF CONDUCTORS 40% FILL
14 AWG	0.111 [2.8]	7
12 AWG	0.130 [3.3]	5
10 AWG	0.164 [4.2]	3

500 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION
V500 	ONE-PIECE RACEWAY – 040" [1.0mm] steel. Ivory finish. Available in 10' [3m] lengths, 100' [31m] per carton. One (1) 5701 Coupling furnished with each length.
V500-5 	ONE-PIECE RACEWAY – Same as V500 Raceway except in 5' [1.5m] lengths, 50' [15m] per carton. One (1) 5701 Coupling furnished with each 5' [1.5m] length.
605 	500 SERIES RACEWAY CUTTER – Single action portable cutter. Fast and easy square cuts.
605K	REPLACEMENT BLADES – Case hard steel replacement blades for 605 Raceway Cutter.
502 	BUSHING – Protects wires from abrasion. Slips into open end of 500 Series Raceway.
V504 	MOUNTING STRAP (One- or Two-Hole) – Converts to one-hole by breaking off at score. Lanced tab holds strap in place while fastening to surface.
V506 	CONNECTION COVER – Covers seam where two lengths of 500 Series Raceway come together.
V511 	FLAT ELBOW – Right angle turns on the same surface.

NOTE: Use #8 flathead screws with all fittings requiring screws except V504. With V504, use #8 panhead screws.

PART NO.	DESCRIPTION
V512 	45° FLAT ELBOW – Diagonal 45° turns on same surface.
V517 	INTERNAL ELBOW – Inside right angle turns.
V518 	OUTSIDE ELBOW – Outside right angle turns.
5700LL 	LASER LEVEL FOR 500/700 SERIES RACEWAY – Attaches to outlet box base and raceway fittings for perfect alignment of runs of raceway.
5700CG 	CUTTING GUIDE FOR 500/700 SERIES RACEWAY – Attaches to step ladder and holds raceway channel securely for accurate cuts.
IWE-S 	SPRAY PAINT – Used for touching up large areas. Contains 12 oz. of paint. NOTE: Can only be shipped via ground transportation.
IWE-P 	TOUCH-UP PAINT PEN – Used for touching up small areas. Contains 0.3 oz. of paint.

700 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

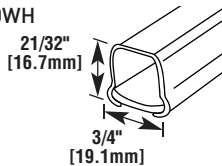
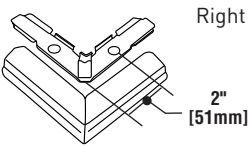
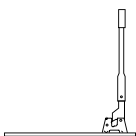
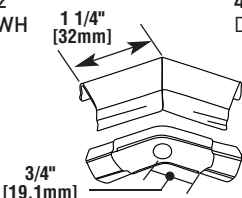
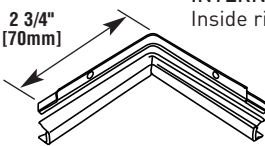
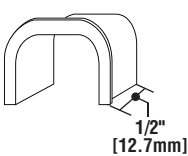
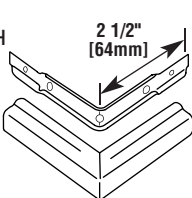
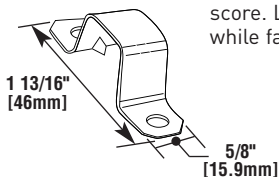

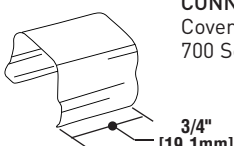

	CABLE/WIRE SIZE	O.D. (Approx. Dia.) Inches [mm]	40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190 [4.8]	3
	4-pair, 24 AWG, Cat 5e	0.210 [5.3]	3
	4-pair, 24 AWG, Cat 6	0.250 [6.3]	2
	4-pair, 24 AWG, Cat 6a*	0.354 [9.0]	1
	25-pair, 24 AWG	0.410 [10.4]	0
COAXIAL	RG6/U	0.270 [6.9]	1
FIBER	ZipCord	0.118 x 0.236 [3 x 6]	3
	Round 4 Strand Fiber	0.187 [4.8]	3
	Round 6 Strand Fiber	0.256 [6.5]	2

700 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D. Inches [mm]	NO. OF CONDUCTORS 40% FILL
14 AWG	0.111 [2.8]	10
12 AWG	0.130 [3.3]	7
10 AWG	0.164 [4.2]	4


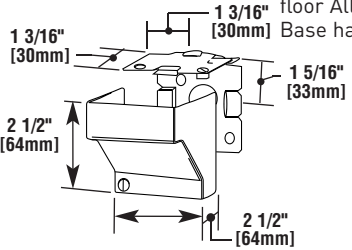
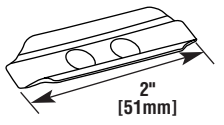
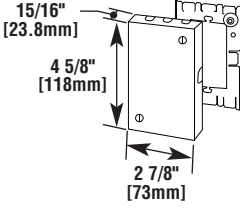
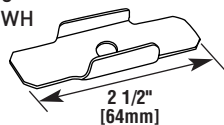
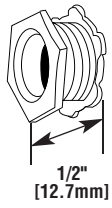
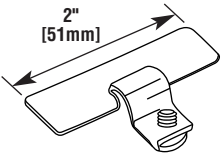
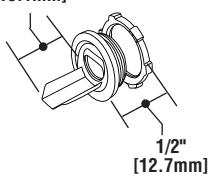
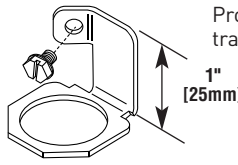
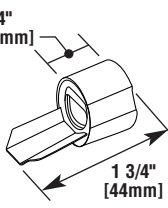
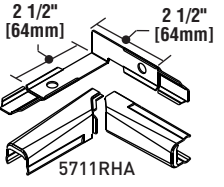
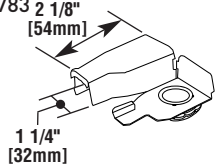
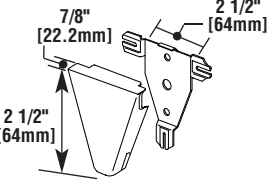
NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

700 SERIES RACEWAY ORDERING INFORMATION

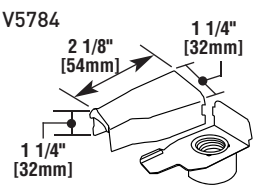
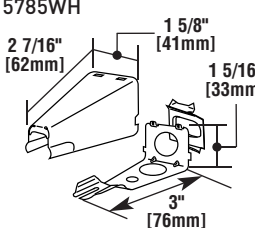
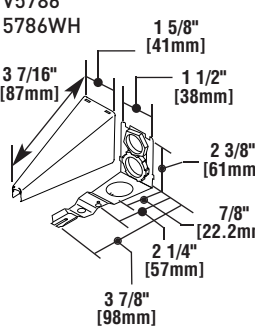
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
V700 700WH	 ONE-PIECE RACEWAY – 040" [1.0mm] steel. Ivory finish. Available in 10' [3m] lengths, 100' [31m] per carton. One (1) 5701 Coupling furnished with each length.	V711 711WH	 FLAT ELBOW – Right angle turns on the same surface.
607	 700 SERIES RACEWAY CUTTER – Single action portable cutter. Fast and easy square cuts.	V712 712WH	 45° FLAT ELBOW – Diagonal 45° turns on same surface.
607K	REPLACEMENT BLADES – Replacement case hard steel blades for 607 Raceway Cutter.	V717 717WH	 INTERNAL ELBOW – Inside right angle turns.
702	 BUSHING – Protects wires from abrasion. Slips into open end of 700 Series Raceway.	V718 718WH	 OUTSIDE ELBOW – Outside right angle turns.
V704 704WH	 MOUNTING STRAP (One -or Two-Hole) – Converts to one-hole by breaking off at score. Lanced tab holds strap in place while fastening to surface.	IWE-S WHWE-S	 SPRAY PAINT – Used for touching up large areas. Contains 12 oz. of paint. NOTE: Can only be shipped via ground transportation.
V706 706WH	 CONNECTION COVER – Covers seam where two lengths of 700 Series Raceway come together.	IWE-P WWE-P	 TOUCH-UP PAINT PEN – Used for touching up small areas. Contains 0.3 oz. of paint.

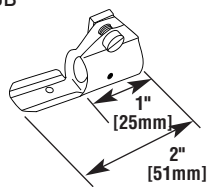
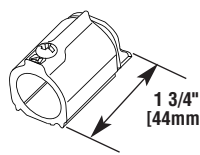
NOTE: Use #8 flathead screws with all fittings requiring screws except V704. With V704, use #8 panhead screws.

500 & 700 SERIES RACEWAYS FITTINGS ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
V5700F	FLEXIBLE SECTION – For installing raceway around offsets, side bends, twisted turns, and curved surfaces. Wire fill capacity is the same as 500 & 700 Series Raceways. Consult factory for custom lengths. Maximum painted length 3' [915mm].	V5719 5719WH	CORNER BOX – For feeding raceway from ceiling or floor Allows for ample splice room. Base has 1/2" trade size KO.
 18" [457mm] Overall		 1 3/16" [30mm] 1 3/16" [30mm] 1 5/16" [33mm] 2 1/2" [64mm] 2 1/2" [64mm]	
5701	COUPLING – Joins and supports lengths of 500 or 700 Series Raceway. One coupling included with each length of raceway.	V5760	BLANK EXTENSION BOX – Extension for existing flush switch and receptacle boxes to blank original outlet. Closed base version available as a special order.
 2" [51mm]		 15/16" [23.8mm] 4 5/8" [118mm] 2 7/8" [73mm]	
V5703 5703WH	SUPPORTING CLIP – Supports lengths of 500 and 700 Series Raceway.	5780	SPECIAL NIPPLE (Galvanized) – For hanging either 3/8" [9.5mm] or 1/2" [12.7mm] fixtures to Wiremold fittings with 1/2" trade size KOs. Has female 3/8" [9.5mm] pipe thread inside and male 1/2" [12.7mm] pipe thread outside.
 2 1/2" [64mm]		 1/2" [12.7mm]	
5709	GROUND CLAMP – Provides additional grounding for 500 or 700 Series Raceway or to ground remotely located devices. Insert clamp into raceway before installing. Attach ground wire to screw as required by National Electrical Code.	5781 5781A 3/4"	BOX CONNECTOR (Galvanized) – Male connector for connecting raceway to conduit boxes or panel boxes that have KOs for conduit. Can also be used with conduit type fittings. When used with 700 Series Raceway, break out crescent twistout in connector. 5781 has 1/2" trade size conduit opening and 5781A has 3/4" trade size conduit opening
 2" [51mm]		 1/2" [12.7mm]	
5709GC	GROUNDING CONNECTOR – Provides grounding means for 1/2" trade size conduit using lock nut.	5782 5782A 3/4"	CONDUIT CONNECTOR (Galvanized) – Interior threaded female connector for connecting raceway to conduit. When used with 700 Series Raceway, break out crescent twistout in connector. 5782 has 1/2" trade size conduit opening and 5782A has 3/4" trade size conduit opening.
 1" [25mm]		 1 3/4" [44mm]	
V5711LHA V5711RHA 5711LHAWH 5711RHAWH	INTERNAL TWIST ELBOWS – 90° twist with a 90° turn. For double turn at right angles from one surface to another. For transitions from a sidewall to ceiling or edge of door or window trim. Twistout in cover adapts for use with 700 Series Raceway.	V5783 2 1/8"	ELBOW BOX CONNECTOR – Connects raceway at right angles to conduit boxes or panel boxes that have 1/2" trade size conduit KOs. When used with 700 Series Raceway, break out crescent twistout in cover.
 2 1/2" [64mm] 2 1/2" [64mm] 5711RHA		 2 1/8" [54mm] 1 1/4" [32mm]	
V5715 5715WH	TEE – Connects branches of 700 Series Raceway at right angles. When used with 700 Series Raceway, break out crescent twistout in cover.		
 7/8" [22.2mm] 2 1/2" [64mm]			

500 & 700 SERIES RACEWAYS FITTINGS ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
V5784 	ELBOW BOX CONNECTOR – Connects raceway at right angles to 1/2" trade size conduit or armored cable connectors. When used with 700 Series Raceway, break out crescent twistout in cover.
V5785 5785WH 	COMBINATION CONNECTOR – Connects raceway, without offsetting, to any surface-mounted 3 1/4" or 4" [83mm or 102mm] outlet box with 1/2" trade size conduit KOs. Base has two 1/2" trade size KOs, one on end and one on bottom. Included spring steel bushing eliminates need for conduit nipple and locknut for end connection to box. When used with 700 Series Raceway, break off cover extension.
V5786 5786WH 	ADJUSTABLE OFFSET CONNECTOR – Eliminates need to offset raceway when connecting to surface type panel boxes. Adjustment from surface to center of bushings is 5/8" [15.9mm] minimum to 1 3/8" [35mm] maximum. When used as adjustable offset connector, break out metal between the two holes. When used with 700 Series Raceway, break out crescent twistout in cover. 1/2" trade size chase nipple and locknut furnished.

PART NO.	DESCRIPTION
5790B 	ARMORED CABLE CONNECTOR (Galvanized) – Connects 14/2, 14/3, 12/2, and 12/3 "MC" and armored cable to Wiremold fittings. A short piece of 500 or 700 Series Raceway [1 5/8" [41mm] min.] must be used between connector and Wiremold fittings. Not for use with 1/2" [12.7mm] flex conduit.
5791 	EMT CONNECTOR – Connects 1/2" trade size EMT to 5700 Series rectangular and round device boxes (except 5733). Derates the fill capacity of the EMT.

500 & 700 SERIES RACEWAYS INTERCONNECTIVITY FITTINGS

FROM	CONNECTION REQUIRED	TO	USE CATALOG NUMBER
500 Series, 700 Series Raceway		1500 Series Raceway	1517B
500 Series Raceway		Side of 2000 Series Raceway	V2089
500 Series Raceway		End of 2000 Series Raceway	V2089E
Existing Outlet		500 or 700 Series Raceway	V5751
Panel Box		500 or 700 Series Raceway	V5786
1/2" trade size Conduit or Armored Cable		500 or 700 Series Raceway	5782, V5784
3/4" trade size Conduit or Armored Cable		500 or 700 Series Raceway	5782A
Boxes with 1/2" trade size KOs		500 or 700 Series Raceway	5781, V5785
Boxes with 3/4" trade size KOs		500 or 700 Series Raceway	5781A
3" [76mm] or 4" [102mm] Ceiling Boxes		500 or 700 Series Raceway	V5737, V5737A, V5739
Single-Gang Outlet Box		Two-Gang Surface Box	V5735, V5744-2, V5744S-2, V5747-2, V5748-2
14/2, 14/3, 12/2, 12/3 Armored Cable		500 or 700 Series Raceway	5790B
1/2" trade size EMT		5700 Series Boxes	5791



NOTE: 500 & 700 Series Raceway Systems Device Boxes that are identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products (this page and the next page), change the "V" color prefix to "VC" or the "WH" color suffix to "WHC" to denote the Canadian versions.

500 & 700 SERIES RACEWAYS DEVICE BOXES ORDERING INFORMATION

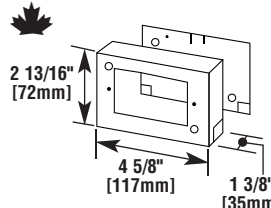
PART NO.	DESCRIPTION								
V5731	<p>BLANK COVER – Use with 5733 Outlet Box to convert box into pull or junction box. Has 1/2" trade size KO in center.</p>								
V5733	<p>OUTLET BOX – For devices with mounting screw centers of 1 15/32", 1 5/8", 1 11/16", or 1 27/32" [37mm, 41mm, 44mm, or 46mm]. Will accept any device that mounts on "G" or "H" type conduit fittings.</p>								
V5735	<p>DISTRIBUTION BOX – Twistouts permit use of three parallel raceway runs on each side. Base has 1/2" and 1" concentric trade size KOs and a 1 13/16" x 2 7/8" rectangular KO to mount on a one-gang in-wall outlet box. Cover accepts devices with mounting screw centers of 2 3/4", 3 1/2" or 4 1/16" [70mm, 89mm or 103mm], and canopy fixtures no larger than 4 5/8" [117mm] in diameter. With 5736 Blank Cover, this fitting can be used as junction box, pull box, etc.</p>								
V5736 5736WH	<p>BLANK COVER – 1/2" trade size KO in center. For use with 5735, 5737, 5737A, 5738, 5738AF, 5739, 5739A or 2135 Device Boxes. Converts these boxes into pull or junction boxes or for hanging lightweight pendant fixtures with 1/2" trade size pipe stems.</p>								
V5737 5737WH 5737A 5737AWH 5739A	<p>OPEN BASE EXTENSION BOX – Mounts on 3 1/4" or 4" [83mm or 102mm] conduit boxes or other recessed outlets. Cover accepts devices with mounting screw centers of 2 3/4", 3 1/2" or 4 1/16" [70mm, 89mm, or 103mm]. Can be used with 5736 Blank Cover as a pull or junction box.</p>								
	<table border="1"> <thead> <tr> <th>CAT. NO.</th> <th>DIA. A.</th> </tr> </thead> <tbody> <tr> <td>5737</td> <td>4 3/4" [121mm]</td> </tr> <tr> <td>5737A</td> <td>5 1/2" [140mm]</td> </tr> <tr> <td>5739A</td> <td>6 3/8" [162mm]</td> </tr> </tbody> </table>	CAT. NO.	DIA. A.	5737	4 3/4" [121mm]	5737A	5 1/2" [140mm]	5739A	6 3/8" [162mm]
CAT. NO.	DIA. A.								
5737	4 3/4" [121mm]								
5737A	5 1/2" [140mm]								
5739A	6 3/8" [162mm]								

PART NO.	DESCRIPTION								
V5738 5738WH 5738A 5738AWH 5739 5739WH	<p>SOLID BASE FIXTURE BOX – Used to hang fixtures. Cover accepts devices with mounting screw centers of 2 3/4", 3 1/2", and 4 1/16" [70mm, 89mm, and 103mm]. Base has four holes for fixture studs, four 1/2" trade size KOs, and raised section for no-bolt fixture-stud. Use as a junction or pull box with 5736 Blank Cover.</p> <table border="1"> <thead> <tr> <th>CAT. NO.</th> <th>DIA. A.</th> </tr> </thead> <tbody> <tr> <td>5738</td> <td>4 3/4" [121mm]</td> </tr> <tr> <td>5738A</td> <td>5 1/2" [140mm]</td> </tr> <tr> <td>5739</td> <td>6 3/8" [162mm]</td> </tr> </tbody> </table>	CAT. NO.	DIA. A.	5738	4 3/4" [121mm]	5738A	5 1/2" [140mm]	5739	6 3/8" [162mm]
CAT. NO.	DIA. A.								
5738	4 3/4" [121mm]								
5738A	5 1/2" [140mm]								
5739	6 3/8" [162mm]								
V5738AF 5738AFWH	<p>SOLID BASE FAN BOX – Cover accepts fan bracket with mounting centers of 3 3/16" [81mm]. Base has six mounting holes and 4 1/2" trade size KOs. #10 mounting studs provided. Rated for fans and fixtures up to 50 lbs.</p>								
V57240	<p>15A, 125V SINGLE POLE SWITCH & BOX – Single pole switch included. Accepts standard single-gang switches including three-way. Cover has twistouts for 500 or 700 Series Raceway on each end and sides. Twistouts on ends of box permit running raceway close to interior trim. Base has 1/2" trade size KOs.</p>								
V57242	<p>UTILITY BOX – Can be used as tee, cross, pull box, junction box, or blank box. Cover has 1/2" trade size KO and twistouts for 500, and 700 Series Raceway on each end and sides. Twistouts on ends of box permit running raceway close to interior trim. Base has 1/2" trade size KOs.</p>								
V57243G	<p>15A, 125V DUPLEX GROUNDING RECEPTACLE (NEMA 5-15R) & BOX – Accommodates 15A (NEMA 5-15R) or 20A (NEMA 5-20R) duplex devices in place of duplex grounding receptacle included. Cover has twistouts for 500 and 700 Series Raceway on each end and sides. Twistouts on ends of box permit running raceway close to interior trim. Base has 1/2" trade size KOs.</p>								

500 & 700 SERIES RACEWAYS DEVICE BOXES ORDERING INFORMATION (continued)

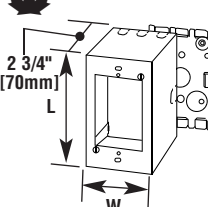
PART NO. V5741
5741WH

DESCRIPTION **SWITCH & RECEPTACLE BOX -**
For shallow type switches (three-way, single, and double pole) and receptacles, including three-wire locking receptacles and single-gang combination devices. Base has 1/2" trade size KO. Position of twistouts on ends permits running raceways close to interior trim.



PART NO. V5744
V5744-2
V5744-3
5744WH
5744-2WH

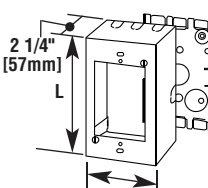
DESCRIPTION **EXTRA DEEP SWITCH & RECEPTACLE BOX -**
For deep devices such as momentary contact, remote control switches, and hospital signaling system devices. Base has 1/2" trade size KOs. Larger gang boxes available by special order.



CAT. NO.	L	W	GANGS
5744	4 5/8" [117mm]	2 7/8" [73mm]	1
5744-2	4 3/4" [121mm]	4 3/4" [121mm]	2
5744-3	4 5/8" [117mm]	6 1/2" [165mm]	3

PART NO. V5744S
V5744S-2
V5744S-3
5744SWH
5744S-2WH

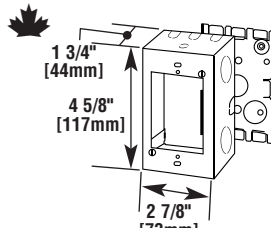
DESCRIPTION **DEEP SWITCH & RECEPTACLE BOX -**
Designed especially for use in the installation of signal system and alarm wiring. Base has 1/2" trade size KOs. Larger gang boxes are available by special order.



CAT. NO.	L	W	GANGS
5744S	4 5/8" [117mm]	2 7/8" [73mm]	1
5744S-2	4 3/4" [121mm]	4 3/4" [121mm]	2
5744S-3	4 5/8" [117mm]	6 1/2" [165mm]	3

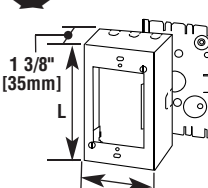
PART NO. V5745
5745WH

DESCRIPTION **COMBINATION SWITCH & RECEPTACLE BOX -**
Connects to surface runs of 1/2" trade size conduit. Cover has 1/2" trade size KO and two raceway twistouts on one end and three raceway twistouts on opposite end, two 1/2" KOs and a raceway twistout on each side. Base has two 1/2" trade size KOs. Larger gang boxes are available by special order.



PART NO. V5747
V5747-2
V5747-3
5747WH
5747-2WH

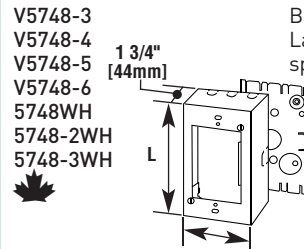
DESCRIPTION **SHALLOW SWITCH & RECEPTACLE BOX -**
For standard shallow switches and receptacles including single-gang combination devices. Base has two 1/2" trade size KOs. Larger gang boxes available by special order.



CAT. NO.	L	W	GANGS
5747	4 5/8" [117mm]	2 7/8" [73mm]	1
5747-2	4 3/4" [121mm]	4 3/4" [121mm]	2
5747-3	4 5/8" [117mm]	6 1/2" [165mm]	3

PART NO. V5748
V5748-2
V5748-3
V5748-4
V5748-5
V5748-6
5748WH
5748-2WH
5748-3WH

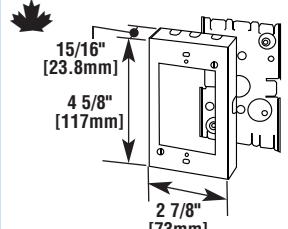
DESCRIPTION **SWITCH & RECEPTACLE BOX -**
For deep switches and receptacles. Base has two 1/2" trade size KOs. Larger gang boxes available by special order.



CAT. NO.	L	W	GANGS
5748	4 5/8" [117mm]	2 7/8" [73mm]	1
5748-2	4 3/4" [121mm]	4 3/4" [121mm]	2
5748-3	4 5/8" [117mm]	6 1/2" [165mm]	3
5748-4	4 5/8" [117mm]	8 11/32" [212mm]	4
5748-5	4 5/8" [117mm]	10 5/32" [258mm]	5
5748-6	4 5/8" [117mm]	11 31/32" [304mm]	6

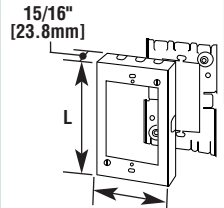
PART NO. V5748S
5748SWH

DESCRIPTION **SHALLOW SWITCH & RECEPTACLE BOX -**
For shallow type duplex receptacles. Base has 1/2" trade size KOs.



PART NO. V5751
V5751-2
V5751-3
5751WH
5751-2WH

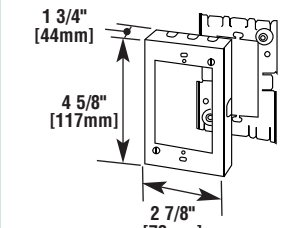
DESCRIPTION **FLUSH TYPE EXTENSION ADAPTER -**
For extensions from existing flush switch and receptacle boxes. Larger gang boxes available by special order.



CAT. NO.	L	W	GANGS
5751	4 5/8" [117mm]	2 7/8" [73mm]	1
5751-2	4 3/4" [121mm]	4 3/4" [121mm]	2
5751-3	4 5/8" [117mm]	6 1/2" [165mm]	3

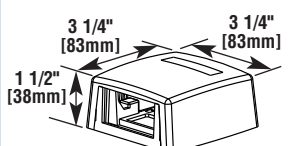
PART NO. V5751A
5751AWH

DESCRIPTION **DEEP FLUSH TYPE EXTENSION ADAPTER -**
For deep extensions from existing wall boxes.



PART NO. CM-MMB-571

DESCRIPTION **ONE INSERT MULTIMEDIA BOX -**
Accepts one CM2 Wiremold Open System Communications Module or one Pass & Seymour® Activate Series Insert. Compatible with 500 and 700 Series Raceway. Ivory finish.



NOTE: One-gang device boxes accept NEMA single-gang standard faceplates. Two-gang device boxes accept NEMA double-gang standard faceplates.

500 & 700 SERIES RACEWAYS DEVICE BOXES ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
V5752 R5752	TWO-GANG ALARM DEVICE BOX – For surface mounting of alarm devices and safety signals designed to fit into 4" [102mm] square back boxes. Cover has three raceway twistouts on each side. Base has 1/2" and 1" concentric and single-gang box KOs. R5752 has red finish.

PART NO.	DESCRIPTION
V5753 R5753	TWO-GANG EXTRA DEEP ALARM DEVICE BOX – For surface mounting of alarm devices and safety signals designed to fit into 4" [102mm] square back boxes. R5753 has red finish. Cover is 2 3/4" [70mm] deep and has three twistouts for raceways on each side. Base has 1/2" and 1" concentric and single-gang box KOs.

NOTE: One-gang device boxes accept NEMA single-gang standard faceplates. Two-gang device boxes accept NEMA double-gang standard faceplates.

500 & 700 SERIES RACEWAYS TOOLS ORDERING INFORMATION

PART NO.	DESCRIPTION
600B	WIREMOLD BENDER – For making smooth, accurate bends, saddles and offsets in Wiremold 500 and 700 Series Raceways. Two-piece handle fits in tool box.

PART NO.	DESCRIPTION
615	WIRE PULLEY – For fishing wires around inside corners of 500 or 700 Series Raceway. When conductors are through the run, detach pulley and snap on appropriate internal elbow cover. One 616 Fish Tape Leader included.
616	FISH TAPE LEADER – For pulling conductors through 500 or 700 Series Raceways. Holes provided for up to eight conductors.

500 & 700 SERIES RACEWAYS INSTALLATION DETAILS

- Each length of Wiremold raceway is furnished with a coupling. Push coupling out to expose clearance hole (5701).
- Fasten support clips (V5703) to surface at approximately 32" [816mm] intervals. See the Technical Information Section for surface mounting methods. After support clips are installed, snap raceway into clips.
- As an alternate method of mounting (especially if the surface is uneven), 504 or 704 straps can be used. Hold raceway in position and fasten strap to surface. Straps should be spaced no greater than 32" [816mm] O.C.
- For added support or to secure raceway prior to installing straps, fasten coupling to surface through clearance holes (5701).
- Slide adjoining section of raceway onto coupling (5701).
NOTE: If raceway has been field cut, it must be deburred prior to coupling.
- If ends of adjoining raceways are not square, use 506 or 706 Cover Connection to fill gap.

- Couple raceway to fitting base by slipping tongue of fitting under the base of raceway. (Use 502 or 702 Bushing to protect wires from abrasion.) Do not mount more than one fitting base at a time. Sequence should be base, raceway, base, raceway, etc.
- Fasten base of fitting to surface using proper flat head fastener: #8 with V500 and V700 Series. See Technical Information Section for surface mounting methods.
- Determine desired location of next fitting. Measure and cut raceway as shown. Install fitting base and raceway as in steps 1 and 2.
- Pull wiring in. (Use 502 or 702 Bushing to protect wires from abrasion.)
- Remove proper twistouts in fitting cover(s) with pliers. Twist inward as shown.
- Install fitting cover(s) over raceway(s) and fasten to fitting base with screws provided.

2000® SERIES RACEWAY

Two-piece, single-channel raceway. Easy-to-install and ideal for basic power or communication/low voltage installations.

- 2000® Series Raceways UL Code Reference..... 31
- 2000® Series Raceways Color Options31
- 2000® Series Raceways System Layout 31
- 2000® Series Raceway Wire Fill Capacity Charts 32
- 2000® Series Raceway Ordering Information 32
- 2000® Series Interconnectivity Fittings Chart33

CODE REFERENCE

cULus Listed Raceway:
File E4376 Guide RJBT.

Fittings:
File E41751 Guide RJPR.

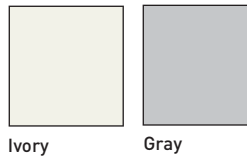
Base & Blank Cover:
Meets Article 386 of NEC.
Meets Section 12-600 of CEC.



2000 Series Raceway used to feed power to an alarm device.

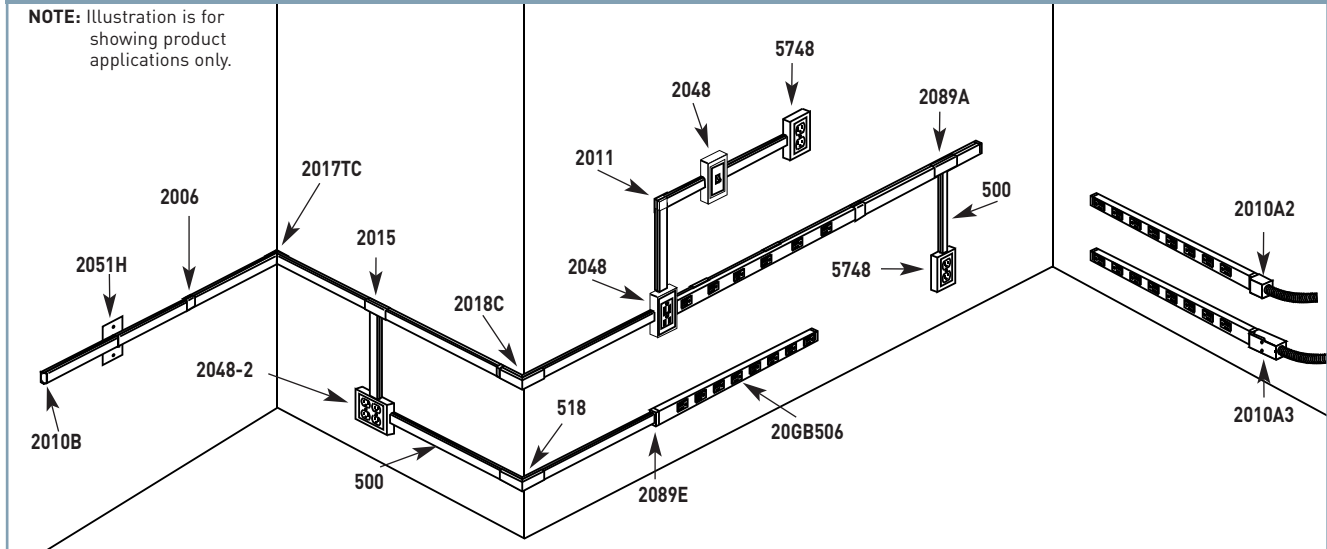
2000 SERIES RACEWAY COLOR OPTIONS

2000® Series Raceway Part Numbers with a “V” prefix have an ivory finish. Part Numbers with a “G” prefix have a gray finish. Part Numbers without a prefix or suffix have a protective zinc finish.



Custom color options are also available. Consult the factory for more information.

2000 SERIES RACEWAY SYSTEM LAYOUT



KEY

500	500 Series Raceway	2011	90° Flat Elbow Fitting	2051H	Side-Reducing Fitting
518	External Elbow Fitting	2015	Tee Fitting	2089A	Flush Plate Adapter
2006	Cover Clip	2017TC	Internal Corner Coupling	2089E	End-Reducing Connector
2010A3	Entrance End Fitting	2018C	External Elbow Cover	5748	Single-Gang Device Box
2010A2	Entrance End Fitting	2048	Single-Gang Device Box	20GB506	Plugmold Strip
2010B	Blank End Fitting	2048-2	Two-Gang Device Box		

2000 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

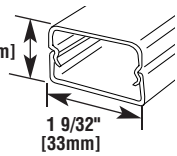
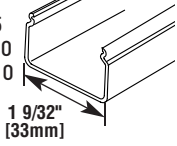
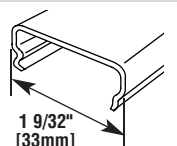
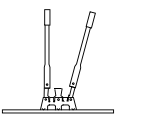
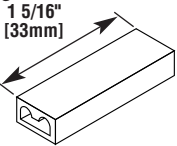
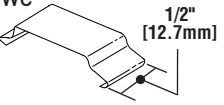
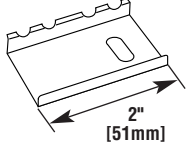
	CABLE/WIRE SIZE	O.D. (Approx. Dia.) Inches [mm]	40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190 [4.8]	11
	4-pair, 24 AWG, Cat 5e	0.210 [5.3]	9
	4-pair, 24 AWG, Cat 6	0.250 [6.3]	6
	4-pair, 24 AWG, Cat 6a*	0.354 [9.0]	3
	25-pair, 24 AWG	0.410 [10.4]	2
COAXIAL	RG6/U	0.270 [6.9]	5
FIBER	ZipCord	0.118 x 0.236 [3 x 6]	11
	Round 4 Strand Fiber	0.187 [4.8]	11
	Round 6 Strand Fiber	0.256 [6.5]	6

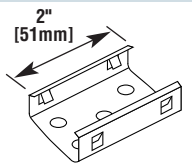
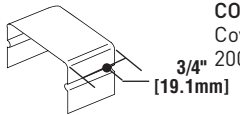
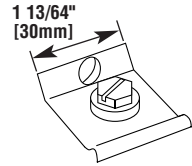
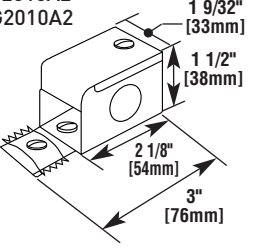
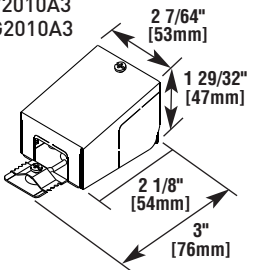
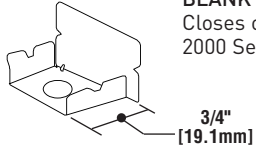
NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

2000 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

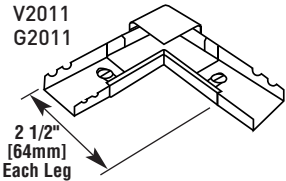
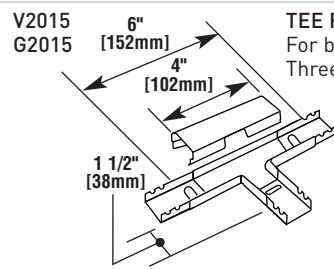
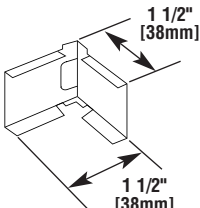
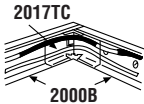
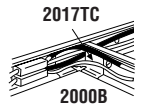
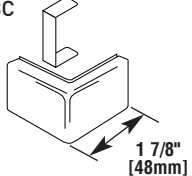
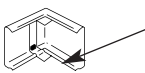
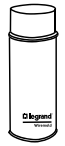

WIRE SIZE THHN/THWN	O.D. Inches [mm]	NUMBER OF CONDUCTORS	
		WITHOUT DEVICES	WITH PLUGMOLD RECEPTACLE
14 AWG	0.111 [2.8]	7	5
12 AWG	0.130 [3.3]	7	5

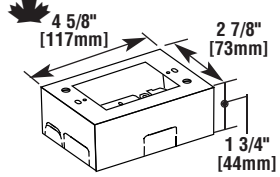
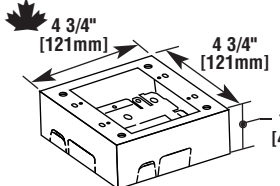
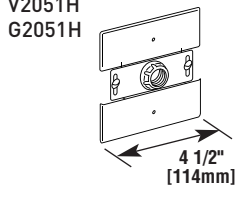

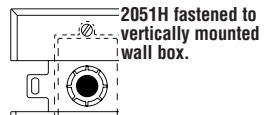
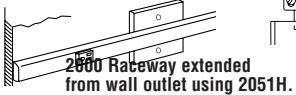
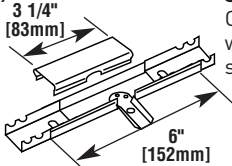
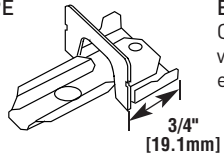
2000 SERIES RACEWAY ORDERING INFORMATION


PART NO.	DESCRIPTION
V2000BC G2000BC 3/4" [19.1mm]	RACEWAY BASE & COVER – Packed ten (10) 5' [1.5m] lengths per carton. 
V2000B-5 G2000B-5 V2000B-10 G2000B-10	RACEWAY BASE – .040" [1.0mm] steel. Packed twenty (20) 5' [1.5m] lengths per carton. 10' [3m] lengths (V2000B-10, G2000B-10) are also available. Packed 100' [30.5m] per carton. 
V2000C G2000C	RACEWAY COVER – .025" [.8mm] steel. Packed twenty 5' [1.5m] lengths per carton. Shipped without receptacle hole cuts. 
620	2000 SERIES RACEWAY BASE & COVER CUTTER – Portable cutter for both 2000 Series Raceway Base and Cover. Provides clean and easy square cuts every time. 
620BCK	REPLACEMENT BLADE KIT – Case hard steel replacement blades and die set for 620 Cutter.
W30/W30G	PRESSURE-TYPE WIRE CONNECTORS – W30 – Common connection of two, three, or four No. 12 or No.14 solid copper conductors. W30G – Connection of equipment grounding of 2, 3, or 4 solid conductors No. 14 or No. 12 AWG. 300V maximum; 20A 105° C maximum.  NOTE: Not for use with aluminum conductors.
2000WC	WIRE CLIP (Galvanized) – Additional support for conductors. 
2001	COUPLING (Galvanized) – Connects lengths of 2000B Raceway Base. 

PART NO.	DESCRIPTION
V2003 2003	SUPPORTING CLIP – Supports lengths of 2000 Series Raceway at any point desired. Mounts to surface with No. 6 flathead screw. 2003 support clip has plated finish. V2003 has ivory finish. 
V2006 G2006	COVER CLIP – Covers seam where two lengths of 2000 Series Raceway come together. 
2009	GROUND CLAMP – Connects equipment grounding conductor. Provides an additional ground for raceway. How 2009 is used. 
V2010A2 G2010A2	ENTRANCE END FITTING – Connects 2000 Series Raceway to 1/2" trade size conduit or armored cable connectors. 1/2" trade size KOs located on end, sides, and bottom of fitting. Includes ground screw. 
V2010A3 G2010A3	ENTRANCE END FITTING – Offers larger capacity than 2010A2. 1/2" trade size KOs located on end, sides, and bottom of fitting. 3/4" KOs on bottom and rear. Includes ground screw. 
V2010B G2010B	BLANK END FITTING – Closes off the open end of 2000 Series Raceway. 

2000 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION
V2011 G2011	FLAT ELBOW FITTING – For right angle turns on same surface. Cover stop permits neat butting of 2000C Cover. Two couplings included. 
V2015 G2015	TEE FITTING – For branching raceway at right angles. Three couplings included. 
2017TC	INTERNAL CORNER COUPLING – Can be used as inside corner coupling or as coupling and straight thru fitting. Furnished with one fiber bushing.   2017TC used as a corner coupling.  2017TC used as a corner coupling and a straight-through fitting.
V2018C G2018C	EXTERNAL ELBOW COVER – Covers gap when external corner is made by notching and bending 2000B Base. Continues raceway runs around outside corners.   Corner gap filler snapped into place in 2018C.
IWE-S GWE-S	SPRAY PAINT – Used for touching up large areas. Contains 12 oz. of paint.  NOTE: Can only be shipped via ground transportation.
IWE-P GWE-S	TOUCH-UP PAINT PEN – Used for touching up small areas. Contains 0.3 oz. of paint. 

PART NO.	DESCRIPTION
V2048 G2048	SINGLE-GANG DEVICE BOX – Cover has twistouts for 2000, 500, and 700 Series Raceways. Base has 1/2" trade size KO and rectangular KO for extension to wall box. Base has #10 threaded hole for ground connection. 
V2048-2 G2048-2	TWO-GANG DEVICE BOX – Cover has twistouts for 2000, 500, and 700 Series Raceways. Base has 1/2" trade size KO and rectangular KO for extension to wall box. Base has #10 threaded hole for ground connection. 
V2051H G2051H	FLUSH PLATE ADAPTER – Feeds 2000 Series Raceway from an existing wall outlet. Equipped with 1/2" trade size threaded stud, toothed lock washer for grounding, and conduit bushing.   2051H fastened to horizontally mounted wall box.  2051H fastened to vertically mounted wall box.  2000 Raceway extended from wall outlet using 2051H.
V2089	SIDE REDUCING CONNECTOR – Connects 2000 Series Raceway with 500 Series Raceway through the side of 2000 Series Raceway. 
V2089E	END REDUCING CONNECTOR – Connects 2000 Series Raceway with 500 Series Raceway through the end of 2000 Series Raceway. 

 Parts identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products, change the "V" color prefix to "CV" or the "G" color prefix to "CG" to denote the Canadian versions.

2000 SERIES RACEWAY INTERCONNECTIVITY FITTINGS

CONNECTION REQUIRED		USE CATALOG NUMBER
FROM	TO	
500 Series Raceway	Side of 2000 Series Raceway	V2089, V2048, V2048-2
500 Series Raceway	End of 2000 Series Raceway	V2089E, V2048, V2048-2
Existing Outlet	2000 Series Raceway	V2051H
1/2" trade size Conduit or Armored Cable	2000 Series Raceway	V2010A2, V2010A3

2400 SERIES™ RACEWAY

Single channel raceway. Easy-to-install and ideal for basic power or communication/low voltage installations in classrooms, hotels, and anywhere a low profile raceway solution is needed.

- 2400 Series™ Raceways System Layouts 34
- 2400 Series™ Raceways UL Code Reference..... 34
- 2400 Series™ Raceways Color Options34
- 2400 Series™ Raceway Wire Fill Capacity Charts 35
- 2400 Series™ Raceway Ordering Information 35
- 2400 Series™ Raceway Fittings Ordering Information 35



2400 Series Raceway in a classroom installation.

2400 Series Raceway NEW!
now compatible with A/V devices.

CODE REFERENCE

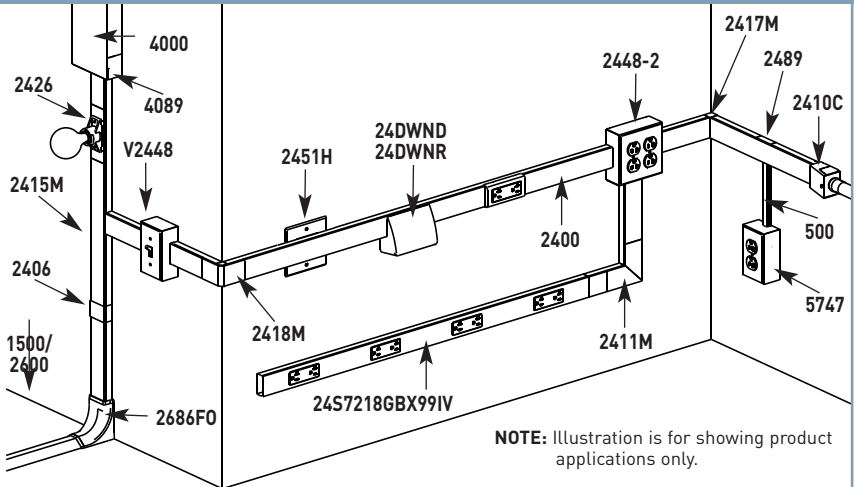
cULus Listed Raceway:
 File E4376 Guide RJBT.
Fittings:
 File E41751 Guide RJPR.
Base & Blank Cover:
 Meets Article 386 of NEC.
 Meets Section 12-600 of CEC.

2400 SERIES RACEWAY COLOR OPTIONS

2400 Series™ Raceway Part Numbers with a “V” prefix have an ivory finish. Part Numbers with a “-FW” suffix have a fog white finish.
 Custom color options are also available. Consult the factory for more information.



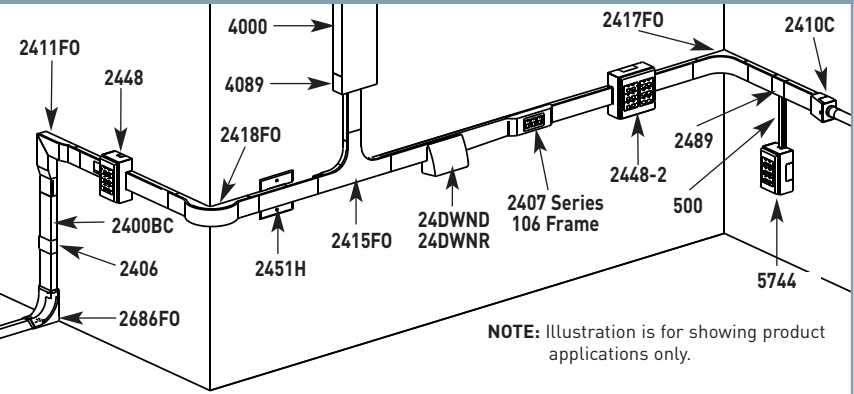
2400 SERIES RACEWAY SYSTEM LAYOUT FOR POWER



KEY

- 500 500 Series Raceway
- 1500/2600 Raceway Feed
- 2400 2400 Series Raceway
- 2406 Cover Clip
- 2410C Entrance End Fitting
- 2411M Flat Elbow Fitting
- 2415M Tee Fitting
- 2417M Internal Elbow Fitting
- 2426 Lamp Holder
- 2686FO Transition Fitting
- 4089 Reducing Connector
- 2448 One-Gang Device Box
- 2418M External Elbow Fitting
- 2451H Back Feed Fitting
- 2448-2 Two-Gang Device Box
- 2475D Bridge Fitting
- 2489 Reducing Adapter
- 24DWND Downward Duplex Device Bracket
- 24DWNR Downward Decorator Device Bracket
- 24S7218GBX99IV 2400 Series Plugmold Strip
- 4000 4000 Series Raceway
- 5747 Shallow Switch Box

2400 SERIES RACEWAY SYSTEM LAYOUT FOR COMMUNICATIONS



KEY

- 500 500 Series Raceway
- 2400BC 2400 Series Raceway
- 2406 Cover Clip
- 2410C Entrance End Fitting
- 2411FO Radiused Flat Elbow
- 2415H Back Feed Fitting
- 2415FO Radiused Tee Fitting
- 2417FO Radiused Internal Elbow
- 2418FO Radiused External Elbow
- 2448 Device Box
- 2448-2 Two-Gang Device Box
- 2489 Side Reducing Connector
- 24DWND Downward Duplex Device Bracket
- 24DWNR Downward Decorator Device Bracket
- 2686FO Transition Feed Fitting
- 4000 4000 Series Raceway
- 4089 Reducing Connector
- 5744 Extra Deep Device Box

2400 RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

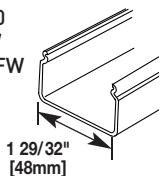
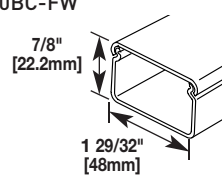
	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	19
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	16
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	11
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	5
	25-pair, 24 AWG	0.410	[10.4]	4
COAXIAL	RG6/U	0.270	[6.9]	9
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	20
	Round 4 Strand Fiber	0.187	[4.8]	20
	Round 6 Strand Fiber	0.256	[6.5]	10

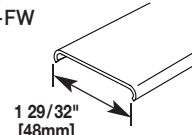
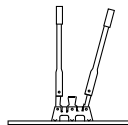
2400 RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D.		NUMBER OF CONDUCTORS (40%)	
	Inches	[mm]	WITHOUT DEVICES	WITH 2427 RECEPTACLE
14 AWG	0.111	[2.8]	57	12
12 AWG	0.130	[3.3]	41	9
10 AWG	0.164	[4.2]	26	0

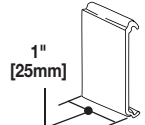
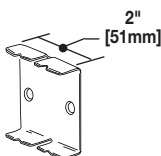
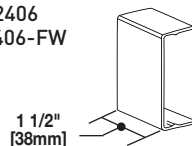
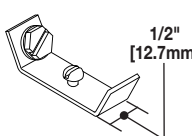
NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

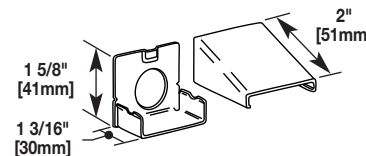
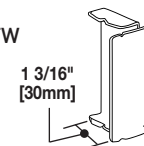
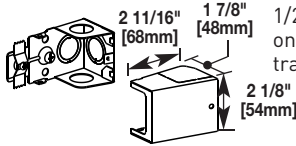
2400 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION
V2400B V2400B-10 2400B-FW 2400B-10FW	RACEWAY BASE – .040" [1.0mm] steel, 5' [1.5m] lengths. Packed twenty 5' [1.5m] lengths per carton (V2400B, 2400B-FW) or ten 10' [3m] lengths per carton (V2400B-10, 2400B-10FW). 
V2400BC 2400BC-FW	RACEWAY BASE & COVER – .040" [1.0mm] steel. Packed ten 5' [1.5m] lengths of base and cover per carton. 

PART NO.	DESCRIPTION
V2400C 2400C-FW	RACEWAY COVER – .040" [1.0mm] steel; packed twenty 5' [1.5m] lengths per carton. 
624	2400 SERIES RACEWAY BASE & COVER CUTTER – Portable cutter for 2400 & 2400D Series Raceway Base and Cover. Provides a clean and easy square cut every time. 
624BCK	REPLACEMENT BLADE KIT – Case hard steel replacement blades and die set for 624 Cutter.

2400 SERIES RACEWAY FITTINGS ORDERING INFORMATION

PART NO.	DESCRIPTION
2400WC	WIRE CLIP – Additional support for conductors. (Nonmetallic) 
2401	COUPLING – Joins lengths of 2400B Base together. 
V2406 2406-FW	COVER CLIP – Covers seams where two lengths of 2400 Series Raceway come together (nonmetallic). 
2409	GROUND CLAMP – Connects equipment grounding conductor to provide ground to 2400 Series Raceway. No. 10 ground screw provided. 

PART NO.	DESCRIPTION
V2410A 2410A-FW	ENTRANCE END FITTING – Connects 2400 Series Raceway with 1/2" trade size conduit or armored cable. 
V2410B 2410B-FW	BLANK END FITTING – Closes off open end of 2400 Series Raceway. 
V2410C 2410C-FW	ENTRANCE END FITTING – Feeds 2400 Series Raceway. Includes 1/2" and 3/4" trade size KOs on end and bottom. Additional 1/2" trade size KOs on each side. 

2400 SERIES RACEWAY FITTINGS ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
V2410DFO 2410DFO-FW 4 3/4" [121mm] 2 7/8" [73mm] 7 1/8" [181mm]	DIVIDED ENTRANCE END FITTING – Feeds 2400 & 2400D Series Raceway. Has 1/2", 3/4", and 1" trade size KOs on back and end. Removable divider and radiused insert included.	V2418FO 2418FO-FW 5" [127mm]	RADIUSED EXTERNAL ELBOW – 90° external elbow provides 2" [51mm] cable bend radius control for fiber optic and UTP/STP cable installations. Two couplings included.
V2410FC 2410FC-FW 2 5/8" [67mm] 3" [76mm]	FULL CAPACITY ENTRANCE END FITTING – Feeds 2400 Series Raceway. Has 3/4" and 1" concentric trade size KOs located on each side.	V2418M 2418M-FW 1 1/4" [32mm] 3" [76mm]	EXTERNAL ELBOW – 90° external corners.
V2411FO 2411FO-FW 3/8" [9.5mm] 6 1/2" [165mm] 5 1/2" [140mm]	RADIUSED FLAT ELBOW – 90° flat corner elbow provides 2" [51mm] cable bend radius control for fiber optic and UTP/STP cable installations. Ideal for lay-in or pull-through installations. Couplings included.	V2426 2426-FW 1 29/32" [49mm] 5" [127mm] 1 9/16" [40mm]	LAMP HOLDER – Medium base lamp holder 660W, 250V. Black general purpose phenolic.
V2411M 2411M-FW 1 29/32" [49mm] 3 15/16" [100mm]	FLAT ELBOW – Right angle turns on same surface.	V242WND 242WND-FW 4 3/4" [120mm] 2 1/8" [54mm]	DOWNWARD DUPLEX DEVICE BRACKET – Labor saving, over-the-raceway device bracket. Accepts 15A or 20A duplex receptacles or 106 style data frame.
V2415FO 2415FO-FW 8" [203mm] 10" [254mm] 5 7/8" [149mm] 4 7/8" [124mm]	RADIUSED TEE FITTING – For branches at right angles. Provides 2" [51mm] cable bend radius control for fiber optic and UTP/STP cable installations. Couplings included.	V242WNR 242WNR-FW 4 3/4" [121mm] 2 1/8" [54mm]	DOWNWARD DECORATOR DEVICE BRACKET – Labor saving, over-the-raceway device bracket. Accepts 15A or 20A decorator receptacles, GFCI receptacle, or 106 style data frame.
V2415M 2415M-FW 4" [102mm]	TEE FITTING – For branching raceway at right angles. Two couplings included.	V242WNU 242WNU-FW 4 3/4" [121mm] 2 1/8" [54mm]	DOWNWARD EXTRON® MAAP DEVICE PLATE – Labor saving, over-the-raceway metal device plate. Accepts two Extron® Electronics MAAP single space modules. NEW!
V2417FO 2417FO-FW 4" [102mm]	RADIUSED INTERNAL ELBOW – 90° internal corner elbow provides 2" [51mm] cable bend radius control for fiber optic and UTP/STP cable installations. Two couplings included.	V242WNS 242WNS-FW 4 3/4" [121mm] 2 1/8" [54mm]	DOWNWARD ORTRONICS® SERIES II DEVICE PLATE – Labor saving, over-the-raceway metal device plate. Accepts one Ortronics® Series II module. NEW!
V2417M 2417M-FW 1 3/4" [45mm] 1 29/32" [49mm]	INTERNAL ELBOW – Inside 90° angle turns.		

2400 SERIES RACEWAY FITTINGS ORDERING INFORMATION (continued)

PART NO. V2444
2444-FW

DESCRIPTION **EXTRA DEEP DEVICE BOX –**
One-gang device box with extra depth to allow installation of cabling that requires greater bend radius and storage. Cover has one twistout for 2400 Series Raceway on each side and one twistout for 500 and 700 Series Raceway on the top and bottom. Accepts industry standard faceplates for electrical and communication devices.

PART NO. V2444D
2444D-FW

DESCRIPTION **DEVICE BOX –**
One-gang labor saving, over-the-raceway device box. Cover has twistout on each side for 2400 Series Raceway. Accepts industry standard faceplates for electrical and communication devices.

PART NO. V2444-2
2444-2FW

DESCRIPTION **EXTRA DEEP DEVICE BOX –**
Two-gang device box with extra depth to allow installation of cabling that requires greater bend radius and storage. Cover has twistout on all four sides for 2400 Series Raceway. Base has knockout to enable extension from existing single-gang flush wall box and 1/2" and 1" concentric trade size KOs. Accepts industry standard faceplates for electrical and communication devices.

PART NO. V2444-2LS
2444-2LSFW

DESCRIPTION **DEVICE BOX –**
Two-gang labor saving, over-the-raceway device box. Cover has twistout on all four side for 2400 Series Raceway. Accepts industry standard faceplates for electrical and communication devices.

PART NO. V2448
2448-FW

DESCRIPTION **DEVICE BOX –**
One-gang device box. Cover has twistout for 2400 Series Raceway on each side and one twistout for 500 and 700 Series Raceway on the top and bottom. Base has knockout to enable extension from existing single-gang, flush wall box and 1/2" trade size KOs. Accepts industry standard faceplates for electrical and communication devices.

PART NO. V2448-2
2448-2FW

DESCRIPTION **DEVICE BOX –**
Two-gang device box. Cover has twistouts on all four sides for 2400 Series Raceway. Base has knockout to enable extension from existing single-gang, flush wall box and 1/2" trade size KOs. Accepts industry standard faceplates for electrical and communication devices.

PART NO. V2451H
2451H-FW

DESCRIPTION **BACK FEED FITTING –**
Feeds 2400 Series Raceway from an existing outlet box. Includes 1/2" trade size male bushing and lock nut 4 1/2" washer for grounding.

PART NO. V2475D
2475D-FW

DESCRIPTION **BRIDGE FITTING –**
Allows 2400 Series Raceway runs to bridge over existing installations of 2400, 500, and 700 Series Raceways.

PART NO. V2489

DESCRIPTION **SIDE REDUCING CONNECTOR –**
Connects 2400 Series Raceway with 500 Series Raceway.

PART NO. 2489TB

DESCRIPTION **TRANSITION BOX –**
Connects existing installations of 2100 Series Raceway to 2400D Series Raceway.

PART NO. 2686FO

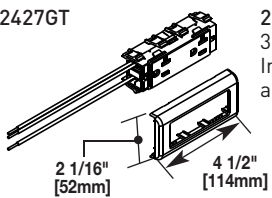
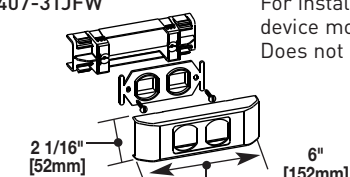
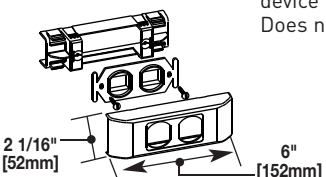
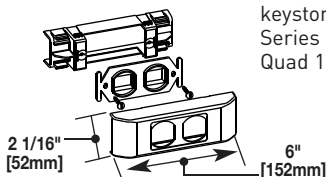
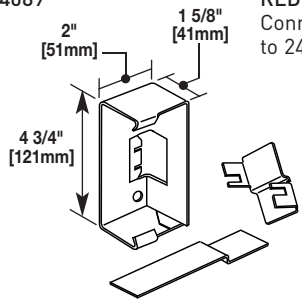
DESCRIPTION **TRANSITION FEED FITTING –**
Eliminates need to offset 2400 Series Raceway when connecting with surface panel boxes. Has 3/4" and 1" concentric trade size KOs with 1" trade size KO elongated so adjustment from surface to center of bushing is 1" [25mm] minimum to 1 5/8" [41mm] maximum. Has twistouts for transition to 1500 and 2600 Series Pancake Raceways.

Parts identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products, add "C" to the color prefix to denote the Canadian versions, i.e. "CV2444".

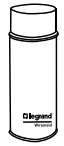
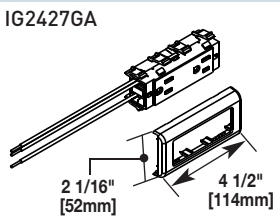
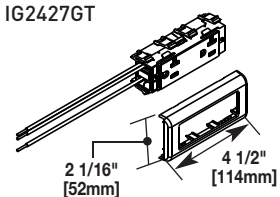
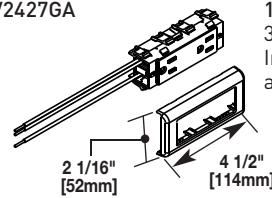
NOTE: One-gang device boxes accept NEMA single-gang standard faceplates. Two-gang device boxes accept NEMA double-gang standard faceplates.

2400 SERIES RACEWAY FITTINGS ORDERING INFORMATION

PART NO.	DESCRIPTION
V4089	REDUCING CONNECTOR – Connects 4000 Series Raceway to 2400 Series Raceway.
V2407-2CM 2407-2CMFW	106 DEVICE BRACKET & FRAME – For installing two network wiring keystone device modules in 2400 Series Raceway. Does not accept Quad 106 Frame.
V2407-2TJ 2407-2TJFW	106 DEVICE BRACKET & FRAME – For installing two Ortronics® TracJack device modules in 2400 Series Raceway. Does not accept Quad 106 Frame.
V2407-3TJ 2407-3TJFW	106 DEVICE BRACKET & FRAME – For installing three Ortronics® Tracjack device modules in 2400 Series Raceway. Does not accept Quad 106 Frame.
V2427GT	20A DUPLEX RECEPTACLE – 3-Wire 125V NEMA 5-20R receptacle. Includes 10-1/2" [267mm] pigtails and inline splice connectors.



PART NO.	DESCRIPTION
V2427GA	15A DUPLEX RECEPTACLE – 3-Wire 125V NEMA 5-15R receptacle. Includes 10-1/2" [267mm] pigtails and inline splice connectors.
IG2427GT	20A ISOLATED GROUND DUPLEX RECEPTACLE – 3-Wire 125V NEMA 5-20R orange receptacle. Includes 10-1/2" [267mm] pigtails and inline splice connectors.
IG2427GA	15A ISOLATED GROUND DUPLEX RECEPTACLE – 3-Wire 125V NEMA 5-15R orange receptacle. Includes 10-1/2" [267mm] pigtails and inline splice connectors.
IWE-S DVWE-S (Fog White)	SPRAY PAINT – Used for touching up large areas. Contains 12 oz. of paint. NOTE: Can only be shipped via ground transportation.
IWE-P DVWE-S (Fog White)	TOUCH-UP PAINT PEN – Used for touching up small areas. Contains 0.3 oz. of paint.




2400D® SERIES RACEWAY

Dual channel version of 2400 Series Raceway. Easy-to-install and ideal for basic power and communication/low voltage installations in classrooms, hotels, and anywhere a low profile raceway solution is needed.

2400D Series Raceways UL Code Reference 39
 2400D Series Raceways Color Options 39
 2400D Series Raceways System Layout 39
 2400D Series Raceway Wire Fill Capacity Chart 39
 2400D Series Raceway Ordering Information 40
 5507 Series Faceplates Ordering Information 42



2400D Series Raceway has two channels of wiring capacity.

2400D Series Raceway 
 now compatible
 with A/V devices.

CODE REFERENCE
cULus Listed Raceway:
 File E4376 Guide RJBT.
Fittings:
 File E41751 Guide RJPR.
Base & Blank Cover:
 Meets Article 386 of NEC.
 Meets Section 12-600 of CEC.

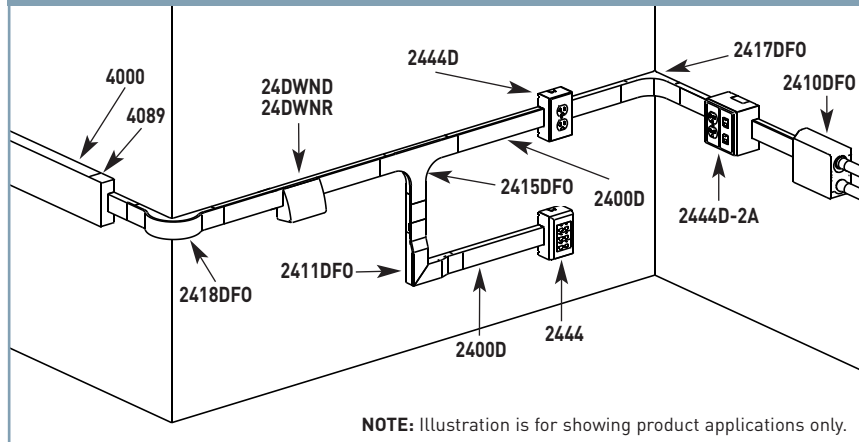
2400D SERIES RACEWAY COLOR OPTIONS

2400D Series Raceway Part Numbers with a "V" prefix have an ivory finish. Part Numbers with a "-FW" suffix have a fog white finish.

Custom color options are also available. Consult the factory for more information.



2400D SERIES RACEWAY SYSTEM LAYOUT FOR POWER & DATA



KEY

- 2400D 2400 Series Divided Raceway
- 2411DF0 Radiused Divided Flat Elbow
- 2410DF0 Divided Entrance End Fitting
- 2415DF0 Radiused Divided Tee
- 2417DF0 Radiused Divided Internal Elbow
- 2418DF0 Divided External Elbow
- 2444 One-Gang Extra Deep Device Box
- 2444D One-Gang Device Box
- 2444D-2A Two-Gang Divided Device Box
- 24DWND Downward Duplex Device Bracket
- 24DWNR Downward Decorator Device Bracket

2400D RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

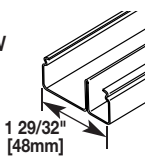
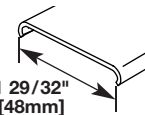
	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		1/3 COMP 40% FILL	2/3 COMP 40% FILL
		Inches	[mm]		
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	5	12
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	4	9
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	3	7
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	1	3
	25-pair, 24 AWG	0.410	[10.4]	1	2
COAXIAL	RG6/U	0.270	[6.9]	2	6
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	5	12
	Round 4 Strand Fiber	0.187	[4.8]	5	12
	Round 6 Strand Fiber	0.256	[6.5]	2	6

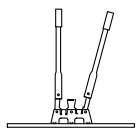
NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

2400D RACEWAY WIRE FILL CAPACITIES FOR POWER

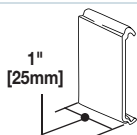
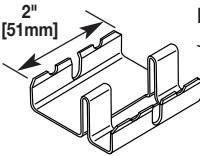
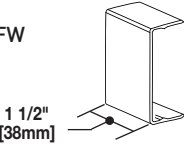
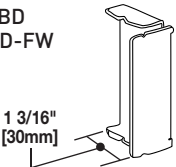
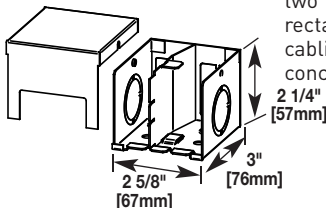
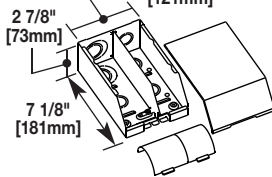
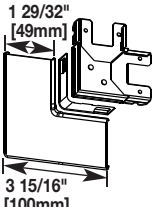
WIRE SIZE THHN/THWN	O.D. Inches [mm]	NUMBER OF CONDUCTORS (40%)	
		1/3 COMP	2/3 COMP
14 AWG	0.111 [2.8]	11	26
12 AWG	0.130 [3.3]	9	19
10 AWG	0.164 [4.2]	6	11

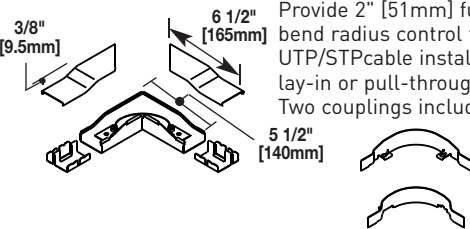
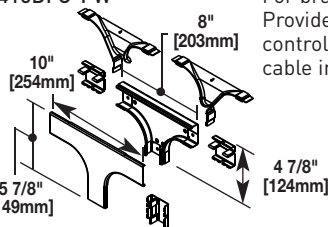
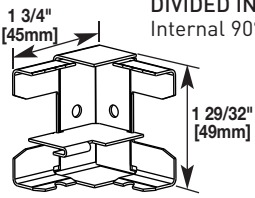
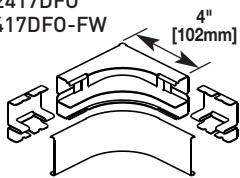
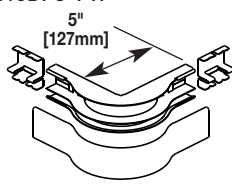
2400D SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION
V2400BD 2400BD-FW	 <p>DIVIDED RACEWAY BASE – .040" [1.0mm] steel. Divided into two compartments (1/3 and 2/3 capacity). Packed ten 10' [3.0m] lengths per carton.</p>
V2400C 2400C-FW	 <p>RACEWAY COVER – .040" [1.0mm] steel. Packed twenty 5' [1.5m] lengths per carton.</p>

PART NO.	DESCRIPTION
624	 <p>2400 SERIES RACEWAY BASE & COVER CUTTER – Portable cutter for 2400 & 2400D Series Raceway Base and Cover. Provides a clean and easy, square cut every time.</p>
624BCK	<p>REPLACEMENT BLADE KIT – Case hard steel replacement blades and die set for 624 Cutter.</p>

2400D SERIES RACEWAY FITTINGS ORDERING INFORMATION

PART NO.	DESCRIPTION
2400WC	 <p>WIRE CLIP – Additional support for conductors. (Nonmetallic)</p>
2401D	 <p>DIVIDED COUPLING – Joins lengths of 2400BD Divided Base.</p>
V2406 2406-FW	 <p>COVER CLIP – Covers seam where two lengths of 2400D Series Raceway come together (nonmetallic).</p>
V2410BD 2410BD-FW	 <p>DIVIDED BLANK END FITTING – Closes off open end of 2400D Series Raceway.</p>
V2410D 2410D-FW	 <p>DIVIDED ENTRANCE END FITTING – Feeds 2400D Series Raceway. Back has two 1/2" trade size KOs and two rectangular KOs for communication cabling. Additional 1" and 3/4" concentric trade size KO on each side.</p>
V2410DFO 2410DFO-FW	 <p>DIVIDED ENTRANCE END FITTING – Feeds 2400 & 2400D Series Raceway. Includes 1/2", 3/4", and 1" trade size KOs on back and end. Removable/adjustable divider and radiused insert included.</p>
V2411D 2411D-FW	 <p>DIVIDED FLAT ELBOW – Right angle turns on the same surface.</p>

PART NO.	DESCRIPTION
V2411DFO 2411DFO-FW	 <p>RADIUSED DIVIDED FLAT ELBOW – 90° flat elbow with integral dividers. Provide 2" [51mm] full capacity cable bend radius control for fiber optic and UTP/STP cable installations. Ideal for lay-in or pull-through installations. Two couplings included.</p>
V2415DFO 2415DFO-FW	 <p>RADIUSED DIVIDED TEE – For branching raceway at right angles. Provides 2" [51mm] cable bend radius control for fiber optic and UTP/STP cable installations. Couplings included.</p>
V2417D 2417D-FW	 <p>DIVIDED INTERNAL ELBOW – Internal 90° corners.</p>
V2417DFO 2417DFO-FW	 <p>RADIUSED DIVIDED INTERNAL ELBOW – 90° internal corner provides 2" [51mm] cable bend radius control for fiber optic and UTP/STP cable installations. Two couplings included.</p>
V2418DFO 2418DFO-FW	 <p>RADIUSED DIVIDED EXTERNAL ELBOW – 90° external elbow provides 2" [51mm] cable bend radius control for fiber optic and UTP/STP cable installations. Two couplings included.</p>

2400D SERIES RACEWAY FITTINGS ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
V24DWND 24DWND-FW	DOWNWARD DUPLEX DEVICE BRACKET - Labor saving, over-the-raceway device bracket. Accepts 15A or 20A duplex receptacles or 106 style data frame.
V24DWNR 24DWNR-FW	DOWNWARD DECORATOR DEVICE BRACKET - Labor saving, over-the-raceway device bracket. Accepts 15A or 20A decorator receptacles, GFCI receptacle, or 106 style data frame.
V24DWNU 24DWNU-FW	DOWNWARD DEVICE PLATE - Labor saving, over-the-raceway metal device plate. Accepts two Extron® Electronics MAAP single space modules.
V24DWNS 24DWNS-FW	DOWNWARD ORTRONICS® SERIES II DEVICE PLATE - Labor saving, over-the-raceway metal device plate. Accepts one Ortronics® Series II module.
V2444D 2444D-FW	DEVICE BOX - One-gang labor saving, over-the-raceway box. Cover has two twistouts for 2400 Series Raceway. Accepts industry standard faceplates for electrical and communication devices.
V2444D-2A 2444D-2AFW	DIVIDED DEVICE BOX - Divided, two-gang, labor saving over-the-raceway device box. Allows both power and low voltage at a single point-of-use. Accepts 5507 Series Faceplates, Ortronics® TracJack & Series II Modules (requires S2-EPL Plate), Pass & Seymour® Activate Series Inserts (requires CM-EPLA Plate), and Wiremold Open System Communication Modules (requires CM-EPLA Plate).

PART NO.	DESCRIPTION
V2444D-2N 2444D-2NFW	DIVIDED DEVICE BOX - Labor saving, over-the-raceway device box. Divided, two-gang box allows both power and low voltage at a single point-of-use. For use with commercially available faceplates.
V2450 2450-FW	DEVICE BRACKET - For use with 2444D-2N. Allows both power and low voltage at a single point-of-use. Accepts 5507 Series Faceplates, Ortronics® TracJack & Series II Modules (requires S2-EPL Plate), Pass & Seymour® Activate Series Inserts (requires CM-EPLA Plate), and Wiremold Open System Communication Modules (requires CM-EPLA Plate).
V2475D 2475D-FW	BRIDGE FITTING - Allows 2400D Series Raceway runs to bridge over existing installations of 2400, 2400D, 500, and 700 Series Raceways
V4089 2" 51mm	REDUCING CONNECTOR - Connects 4000 Series Raceway to 2400D Series Raceway.
2489TB	TRANSITION BOX - Connects existing installations of 2100 Series Raceway to 2400D Series Raceway.
IWE-S DVWE-S (Fog White)	SPRAY PAINT - Used for touching up large areas. Contains 12 oz. of paint. NOTE: Can only be shipped via ground transportation.
IWE-P DVWE-S (Fog White)	TOUCH-UP PAINT PEN - Used for touching up small areas. Contains 0.3 oz. of paint.

Parts identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products, add "C" to the color prefix to denote the Canadian versions, i.e. "CV2444" or "C2444-FW".

5507 SERIES FACEPLATES ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
5507AD 5507AD-FW 2 11/16" [68mm] 1 11/32" [34mm]	MODULAR FURNITURE ADAPTER – Covers Activate modular furniture adapter and other modular furniture adapters. Not for use with decorator (rectangular) style devices.	5507FRJ 5507FRJ-FW	FLUSH DUAL RJ11/RJ45 CONNECTOR FACEPLATE – Accepts one or two keystone device modules, recessed to provide a flush installation. Has one keystone opening and a KO for the other.
5507B 5507B-FW	BLANK FACEPLATE – Covers unused compartments in the device bracket.	5507-4TJ 5507-4TJFW	ORTRONICS® FACEPLATE – Accepts four Ortronics® TracJack Devices.
5507D 5507D-FW	DUPLEX FACEPLATE – Covers duplex style devices including 106 Frame. ????	5507-6TJ 5507-6TJFW	ORTRONICS® FACEPLATE – Accepts six Ortronics® TracJack Devices.
5507R 5507R-FW	RECTANGULAR FACEPLATE – Covers rectangular decorator style devices.	5507AAP 5507AAP-WH 5507AAP-G 5507AAP-BK 5507AAP-FW	EXTRON® AAP FACEPLATE – Metal faceplate for use with two Extron® Electronics AAP single space modules. NEW!
5507SW 5507SW-FW	SWITCH FACEPLATE – Covers standard toggle switches.	5507MAAP 5507MAAP-WH 5507MAAP-G 5507MAAP-BK 5507MAAP-FW	EXTRON® MAAP FACEPLATE – Metal faceplate for use with four Extron® Electronics MAAP single space modules. NEW!
5507T1 5507T1-FW	SINGLE RECEPTACLE FACEPLATE – Covers single receptacles – 1.59" [40.4mm] diameter.	CM-EPLA CM-EPLA-FW	END PLATES – Mounts Pass & Seymour® Activate and Wiremold Open System communication modules into 5507 opening. Includes two outlet identification labels with clear covers and two matching screw covers.
5507T2 5507T2-FW	SINGLE RECEPTACLE FACEPLATE – Covers single receptacles – 1.41" [35.8mm] diameter.	S2-EPL S2-EPL-FW	END PLATES – Mounts Ortronics® Series II modules into 5507 opening. Includes two outlet identification labels with clear covers and two matching screw covers.
5507RJ 5507RJ-FW	DUAL RJ11/RJ45 CONNECTOR FACEPLATE – Accepts one or two keystone device modules. Has one keystone opening and a KO for the other.		

NOTE: All 5507 Series Faceplates have standard dimensions of 4 1/4" x 1 7/8" [108mm x 34mm].

Why Wiremold...

Developed by Bramic Creative Business Products, this automated conference table converts in less than a minute into a fully functional emergency command center. Integral raceway puts multiple systems at the fingertips of emergency personnel, and keeps everything organized and secure.



3000® SERIES RACEWAY

Single-channel raceway. Easy-to-install and ideal for basic power or communication/low voltage installations. Well-suited for labs, hospitals, or anywhere that requires the capacity of a medium size raceway.

3000® Series Raceways UL Code Reference..... 43
 3000® Series Raceways Color Options43
 3000® Series Raceways System Layout 43
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 3000® Series Raceway Ordering Information 44
 3000® Series Raceway Installation Details 47



3000 Series raceway used in a lab installation.

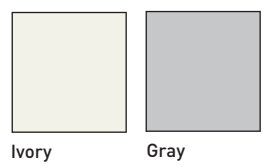
3000 Series Raceway
 now compatible
 with A/V devices.

CODE REFERENCE
cULus Listed Raceway:
 File E4376 Guide RJBT.
Fittings:
 File E41751 Guide RJPR.
Base & Blank Cover:
 Meets Article 386 of NEC.
 Meets Section 12-600 of CEC.

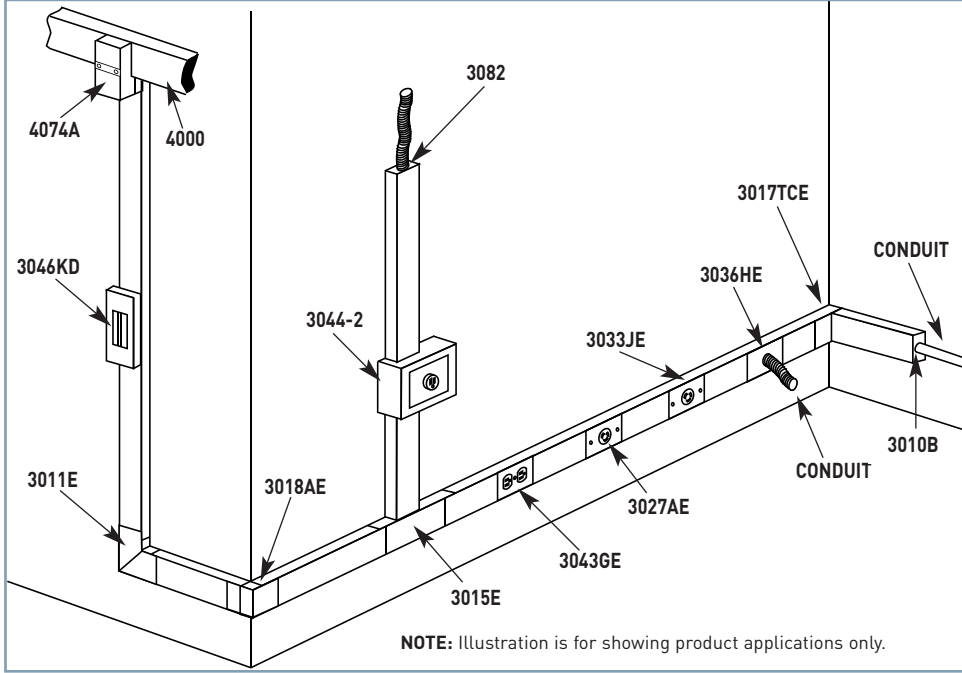
3000 SERIES RACEWAY COLOR OPTIONS

3000® Series Raceway Part Numbers with a "V" prefix have an ivory finish. Part Numbers with a "G" prefix have a gray finish.

Custom color options are also available.
 Consult the factory for more information.



3000 SERIES RACEWAY SYSTEM LAYOUT



KEY	
3010B	Blank End Fitting
3011E	90° Flat Elbow
3015E	Tee Fitting
3017TCE	Internal Corner Coupling
3018AE	External Corner Coupling
3027AE	Single Receptacle Cover
3033JE	Single Receptacle Cover
3036HE	Blank Cover
3043GE	Duplex Grounding Receptacle & Cover
3044-2	Extra Deep Switch & Receptacle Box
3046KD	Circuit Breaker Housing
3082	Conduit Connector
4074A	Take Off Connector - 4000 to 3000 Series Raceway
4000	4000 Series Raceway
CONDUIT	1/2" [12.7mm] Flexible Metal Conduit

3000 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	52
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	42
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	30
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	15
	25-pair, 24 AWG	0.410	[10.4]	11
COAXIAL	RG6/U	0.270	[6.9]	25
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	53
	Round 4 Strand Fiber	0.187	[4.8]	53
	Round 6 Strand Fiber	0.256	[6.5]	28

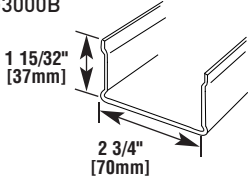
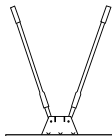
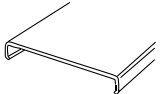
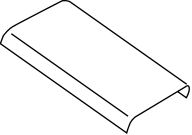
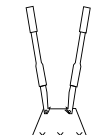
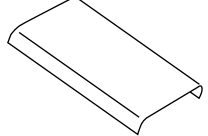
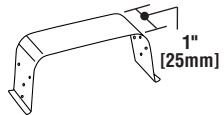
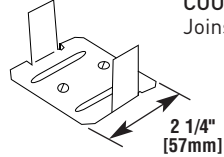
NOTE: For additional information, refer to the Technical Section.

* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

3000 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D. Inches [mm]		NUMBER OF CONDUCTORS (40% FILL)			
			WITHOUT DEVICES	WITH DUPLEX RECT. DEVICES 1.59in. ² [1025mm ²]	WITH SURGE/ GFCI DEVICES 2.30in. ² [1485mm ²]	LARGE SINGLE RECEPTACLES 3.00in. ² [1935mm ²]
14 AWG	0.111	[2.8]	152	70	40	28
12 AWG	0.130	[3.3]	111	51	29	21
10 AWG	0.164	[4.2]	70	32	18	13
8 AWG	0.216	[5.5]	40	18	10	7
6 AWG	0.254	[6.5]	29	13	7	5

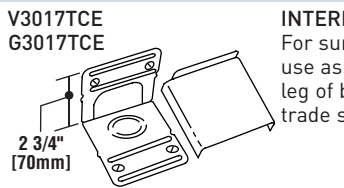
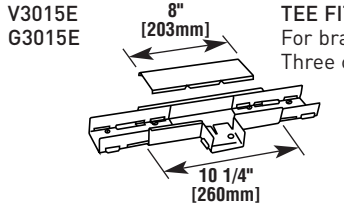
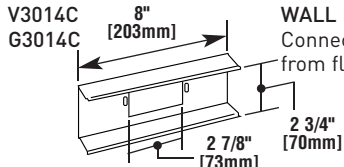
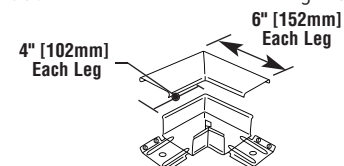
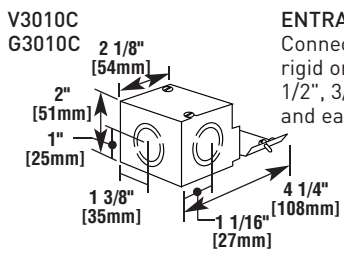
3000 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
V3000B G3000B	 <p>RACEWAY BASE – .040" [1.0mm] steel, Packed in ten 10' [3m] lengths, 100' [31m] per carton. Base sections have predrilled 1/2" and 3/4" trade size entrance KOs (spacing??) and 9/32" [7.1mm] dia. mounting screw KOs on approx. 9 3/8" [238mm] centers.</p>	630B	 <p>RACEWAY BASE CUTTER – Portable cutter for 3000 Series Raceway Base. Provides clean and easy square cuts.</p>
V3000CE G3000CE	 <p>RACEWAY COVER – .040" [1.0mm] steel. Packed in twenty 5' [1.5m] lengths, 100' [31m] per carton.</p>	630BDK	<p>REPLACEMENT BLADE KIT – Case hard steel replacement blades and die set for 630B Cutter.</p>
V3000C075 G3000C075	 <p>7.5" [191mm] PRECUT RACEWAY COVER – For mounting devices 12" [305mm] on center using 3027AE, 3033JE, 3036HE, 3040CE, 3043, 3046, 3048R, and 3051LE Series Device Plates.</p>	630C	 <p>RACEWAY COVER CUTTER – Portable cutter for 3000 Series Raceway Cover. Provides clean and easy square cuts.</p>
V3000C195 G3000C195	 <p>19.5" [495mm] PRECUT RACEWAY COVER – For mounting devices 24" [610mm] on center using 3027AE, 3033JE, 3036HE, 3040CE, 3043, 3046, 3048R, and 3051LE Series Device Plates.</p>	630CDK	<p>REPLACEMENT BLADE KIT – Case hard steel replacement blades and die set for 630C Cutter.</p>
		G3000WC	 <p>WIRE CLIP (Galvanized) – Holds conductors in place.</p>
		G3001	 <p>COUPLING (Galvanized) – Joins lengths of 3000 Series Raceway.</p>

3000 SERIES RACEWAY ORDERING INFORMATION (continued)

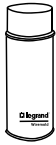
PART NO.	DESCRIPTION
G3001A	RIGID INSIDE COUPLING (Galvanized) – Joins lengths of 3000 Series Raceway in installations where added rigidity is required, such as when raceway is suspended overhead.
V3003 G3003	SUPPORTING CLIP – Supports lengths of 3000 Series Raceway at any point along length. Mounts with #8 flat head fasteners. Includes set screw for locking to raceway.
V3006E G3006E	COVER CLIP – Covers seam where two pieces of 3000 Series Raceway Cover come together.
G3007C	DEVICE BRACKET – Mounts standard after-market devices into 3000 Series Raceway. Accepts single-gang devices with 3.281" [95mm] mounting centers. Use with commercially available flush plates (not included).
G3008C	C-HANGER – Suspends 3000 Series Raceway from structural ceilings. Designed for use with 3/8" [9.5mm] threaded rod. Hangers should be installed no more than 5' [1.5m] apart along raceway run. G3008C C-Hanger can be mounted back-to-back for double run of 3000 Series Raceway.
V3010AE G3010AE	ENTRANCE END FITTING – Connects 3000 Series Raceway to 1/2" trade size conduit and armored cable connectors. 1/2" trade size KOs on end and each side of fitting. Can be connected to conduit boxes by using 1/2" chase nipple.
V3010B G3010B	BLANK END FITTING – Closes off open end of 3000 Series Raceway. Has concentric 1/2" and 3/4" trade size KOs.

PART NO.	DESCRIPTION
V3010C G3010C	ENTRANCE END FITTING – Connects 3000 Series Raceway to rigid or flexible conduit. Concentric 1/2", 3/4" and 1" trade size KOs on end and each side.
V3011E G3011E	FLAT ELBOW FITTING – Right angle turns on the same surface.
V3014C G3014C	WALL BOX CONNECTOR – Connects 3000 Series Raceway from flushed-in wall box.
V3015E G3015E	TEE FITTING – For branching raceway at right angles. Three couplings included.
V3017TCE G3017TCE	INTERNAL CORNER COUPLING – For surfaces at right angles, or for use as a straight-through fitting. Solid leg of base has concentric 1/2" and 3/4" trade size KOs.
IWE-S GWE-S	SPRAY PAINT – Used for touching up large areas. Contains 12 oz. of paint. NOTE: Can only be shipped via ground transportation.
IWE-P GWE-P	TOUCH-UP PAINT PEN – Used for touching up small areas. Contains 0.3 oz. of paint.

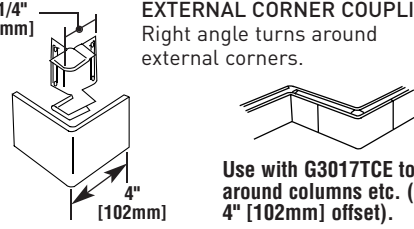
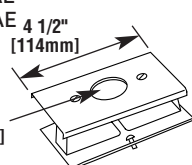
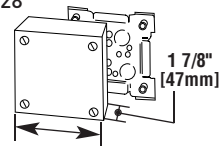
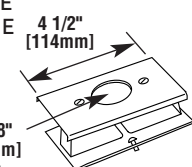
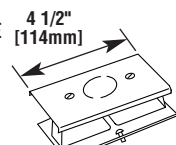
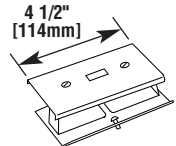
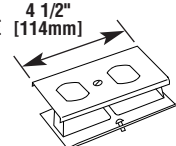
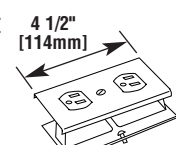


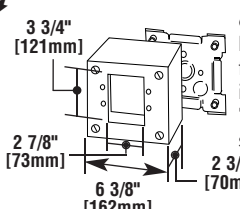
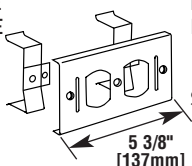
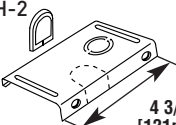
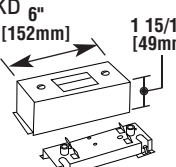


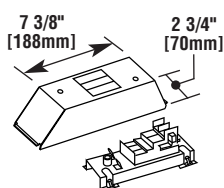
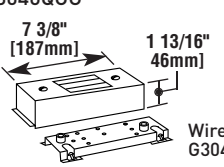
	#6 AWG	#8 AWG	#10 AWG	#12 AWG	#14 AWG
THHN, THWN	13	18	24	55	75

Wire capacity when used as a straight-through fitting.



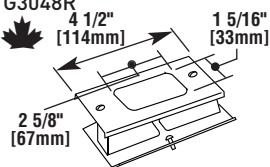
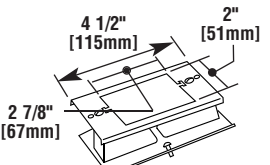
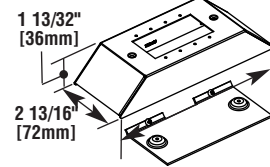
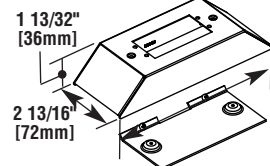
3000 SERIES RACEWAY ORDERING INFORMATION (continued)

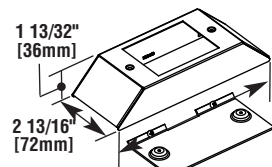
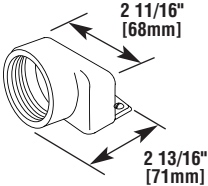
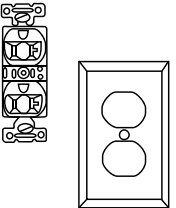
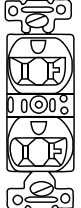
PART NO.	DESCRIPTION
V3018AE G3018AE	EXTERNAL CORNER COUPLING – Right angle turns around external corners.  Use with G3017TCE to offset around columns etc. (minimum 4" [102mm] offset).
V3027AE G3027AE	SINGLE RECEPTACLE COVER – Installs commercially available straight blade and locking single receptacles with face diameters of 1.38"-1.40" [35mm-36mm] into 3000 Series Raceway. G3007C Device Bracket included. 
V3028 G3028	UTILITY BOX – Used as a tee, cross, junction box, or for branch circuit extensions in 3000 Series Raceway. Cover has raceway twistouts on all sides. Base has five 1/2" trade size KOs and four fixture mounting holes. 
V3033JE G3033JE	SINGLE RECEPTACLE COVER – Installs commercially available straight blade and locking single receptacles with face diameters of 1.56"-1.57" [approximately 40mm] into 3000 Series Raceway. G3007C Device Bracket included. 
V3036HE G3036HE	BLANK COVER – Use as a blank cover or tap off KO in center of plate for 1/2" trade size conduit. G3007C Device Bracket included. 
V3040CE G3040CE	SWITCH COVER – Installs commercially available single-pole, two-pole, three-way or four-way switches into 3000 Series Raceway. G3007C Device Bracket included. 
V3043BE G3043BE	DUPLEX RECEPTACLE COVER – Installs commercially available 15A and 20A duplex receptacles or 106 style data frame into 3000 Series Raceway. G3007C Device Bracket included. 
V3043GE G3043GE	DUPLEX GROUNDING RECEPTACLE COVER – Installs commercially available 15A-125V (NEMA-15R) grounding receptacles into 3000 Series Raceway. Grounding receptacle included. 

PART NO.	DESCRIPTION												
V3044-2 G3044-2	EXTRA DEEP SWITCH & RECEPTACLE BOX – Two-gang. For standard 30A, 50A, and 60A receptacles. Four sides of cover have one set of combination twistouts for 3000 Series Raceway. Hole cut in cover: 3 3/4" x 2 7/8" [95mm x 73mm]. Base has five 1/2" trade size KOs. 												
V3046BE G3046BE	DUPLEX RECEPTACLE COVER – Installs commercially available 15A and 20A duplex receptacles or 106 style data frame into 3000 Series Raceway. 												
V3046H-2 G3046H-2	TAP-OFF FITTING – For feeding out of the bottom of raceway. Has concentric 1/2" and 3/4" trade size KOs and twistout for communication cables. Grommet furnished for telephone KO. 												
V3046KD G3046KD	CIRCUIT BREAKER HOUSING – Cover used as is with single-pole breaker. KO is removed for two-pole. For two-pole circuit breakers where the toggle is center located, web is snipped or cut out.   												
For use with the following breakers rated 50A maximum. General Electric: THQC, THQC Westinghouse: Quicklag C, QCH.													
Two-pole circuit breaker being mounted on base of G3046KD.													
Single-pole circuit breaker being mounted on base of G3046KD.													
V3046KTSQ G3046KTSQ	CIRCUIT BREAKER HOUSING – Mounts Square D™ Quik-Gard QOB bolt-on circuit breakers into 3000 Series Raceway. Rated up to 50A maximum capacity. Includes Square D QON3B Compact Base for single- to three-pole circuit breakers. For GFI breakers, use Square D QOB-GFI Series. 												
V3046QOU G3046QOU	CIRCUIT BREAKER HOUSING – Mounts Square D Type QOU one-, two-, or three-pole breakers, rated up to 50A maximum capacity, into 3000 Series Raceway.  Wire capacity of 3000 Series Raceway with G3046KD, KTSQO, QOU circuit breaker housings.												
	<table border="1"> <thead> <tr> <th></th> <th>#6 AWG</th> <th>#8 AWG</th> <th>#10 AWG</th> <th>#12 AWG</th> <th>#14 AWG</th> </tr> </thead> <tbody> <tr> <td>THHN, THWN</td> <td>6</td> <td>8</td> <td>10</td> <td>18</td> <td>26</td> </tr> </tbody> </table>		#6 AWG	#8 AWG	#10 AWG	#12 AWG	#14 AWG	THHN, THWN	6	8	10	18	26
	#6 AWG	#8 AWG	#10 AWG	#12 AWG	#14 AWG								
THHN, THWN	6	8	10	18	26								

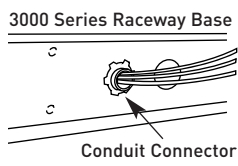
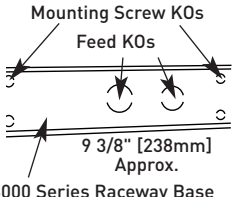
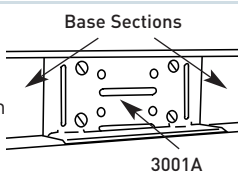
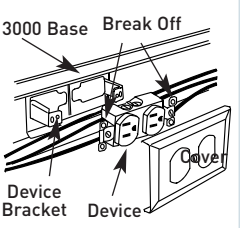
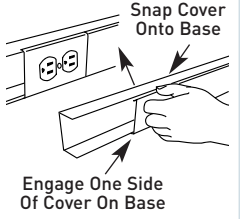
Parts identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products, change the "V" color prefix to "CV" or the "G" color prefix to "CG" to denote the Canadian versions.

3000 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
V3048R G3048R	RECTANGULAR DECORATOR RECEPTACLE COVER – Installs commercially available 15A and 20A rectangular receptacles into 3000 Series Raceway. G3007C Device Bracket included. 
V3051LE G3051LE	EXTENSION COVER – Accepts shallow-type 30A and 50A devices and flush plates. Also Fustat devices SRU, SSU, SRW, SOU and SOW, or equivalent. Deeper devices can be accommodated with a combination of G3051LE and any of the V5700 Series single-gang, open base boxes. G3007C Device Bracket included. 
V3046U G3046U	BUMP-UP EXTRON® MAAP PLATE – Device plate for use with four Extron® Electronics MAAP single space modules. 
V3046V G3046V	BUMP-UP EXTRON® AAP PLATE – Device plate for use with two Extron® Electronics AAP single space modules. 

PART NO.	DESCRIPTION
V3046S G3046S	BUMP-UP ORTRONICS® SERIES II PLATE – Device plate for use with three Ortronics® Series II modules. 
G3082	CONDUIT CONNECTOR – Connects end of 3000 Series Raceway to 1 1/2" trade size conduit or armored cable. 
DRP20A-V	COLORMATCH IVORY DUPLEX RECEPTACLE & PLATE – Specification grade rated 20A 125V NEMA 5-20R receptacle with color matched nylon faceplate. Receptacle has nylon face and thermoplastic base. One-piece brass triple-wipe line contacts and double-wipe ground contacts. Locked in wrap-around steel yoke. Break off tab for two circuit wiring. 2.7" W x 4.5" H [69mm x 114mm]. Verified under Fed. Spec. #WC596F. 
DR20A-V DR20A-G	COLORMATCH GRAY OR IVORY RECEPTACLE – Specification grade rated 20A 125V NEMA 5-20R receptacle. Receptacle has nylon face and thermoplastic base. One-piece brass triple-wipe line contacts and double-wipe ground contacts. Locked in wrap-around steel yoke. Break off tab for two circuit wiring. 2.7" W x 4.5" H [69mm x 114mm]. Verified under Fed. Spec. #WC596F. 

3000 SERIES RACEWAY INSTALLATION DETAILS

- Determine the method of feeding raceway using an entrance end fitting or through 1/2" or 3/4" trade size KO in raceway base (shown).

- To mount 3000 Base on surface:** Remove mounting screw KOs (approx. 9 3/8" [238mm] O.C. along base) as required. Mount base with No. 8 flathead fasteners.

- For coupling lengths of 3000B, insert either the G3001 or G3001A (shown) into one base section centered on joint. Slide other length of base onto coupling. Tighten locking screws.

- To install devices:** Install device bracket in 3000 Base. Wire device and assemble on bracket. Install cover over 3000 Base and device (if device has plaster ears, break off before mounting on device bracket).

- Cut sections of 3000 Cover to fit between device plates. Snap cover sections in place along entire run as shown.




DS4000® SERIES RACEWAY

Dual-channel raceway with increased capacity due to its unique profile, integral divider and downward facing activations. Ideal for any application that requires a high capacity metal raceway.

DS4000® Series Raceways UL Code Reference 48
 DS4000® Series Raceways System Layout 48
 DS4000® Series Raceways Color Options 49
 DS4000® Raceway Wire Fill Capacity Charts 49
 DS4000® Series Raceway Ordering Information 50



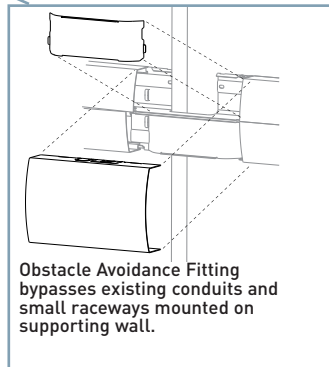
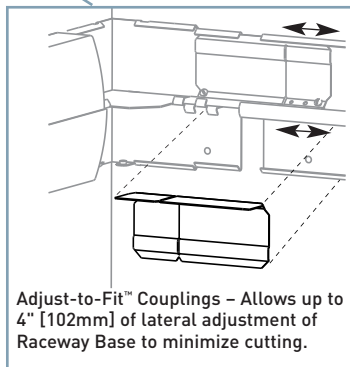
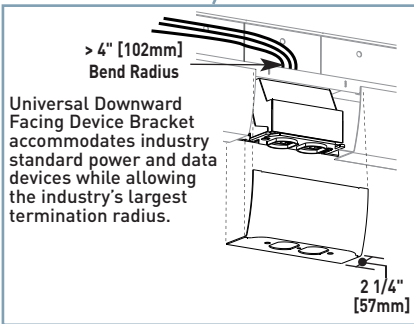
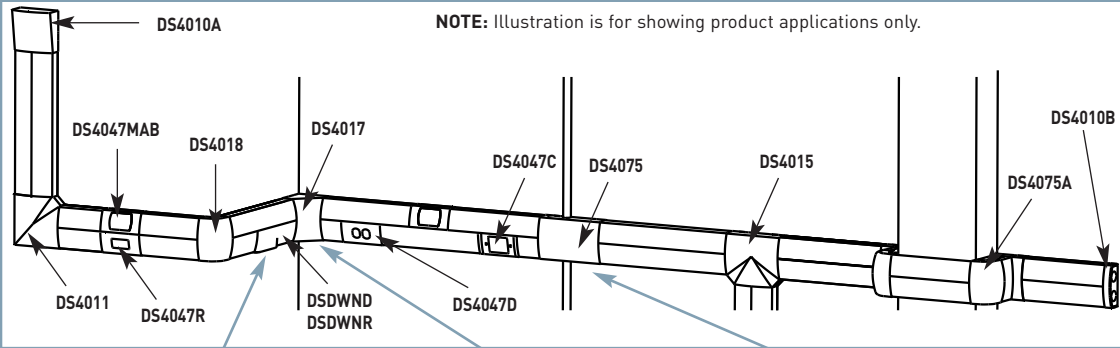
DS4000 Series Raceway used in a typical office application.

CODE REFERENCE

cULus Listed Raceway:
 File E4376 Guide RJBT.
Fittings:
 File E41751 Guide RJPR.
Base & Blank Cover:
 Meets Article 386 of NEC.
 Meets Section 12-600 of CEC.

DS4000 Series Raceway **NEW!**
 now compatible
 with A/V devices.

4000 DESIGNER SERIES RACEWAY SYSTEM LAYOUT

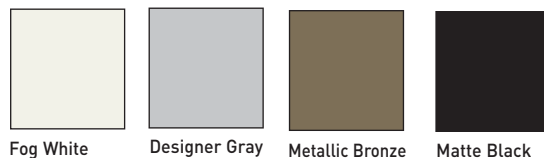


KEY

DS4010A	Entrance End Fitting	DS4047C	Single-Channel NEMA Device Plate	DS4075	Small Obstacle Transition Fitting
DS4010B	Blank End Fitting	DS4047D	Single-Channel Duplex Device Plate	DS4075A	Offset Fitting
DS4011	90° Flat Elbow Fitting	DS4047MAB	Single-Channel MAB Device Plate	DSDWND	Downward Duplex Device Plate
DS4015	Divided Tee Fitting	DS4047R	Single-Channel Decorator Device Plate	DSDWNR	Downward Decorator Device Plate
DS4017	Internal Elbow Fitting				
DS4018	External Elbow Fitting				

4000 DESIGNER SERIES RACEWAY COLOR OPTIONS

DS4000® Raceway Part Numbers with a “DV” suffix have a fog white finish. Part Numbers with a “DG” suffix have a gray finish. Part Numbers with a “BK” suffix have a black finish. Part Numbers with a “BZ” suffix have an bronze finish.



Custom color options are also available. Consult the factory for more information.

DS4000 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D. Inches [mm]		NUMBER OF CONDUCTORS (40%) PER COMPARTMENT				
			WITHOUT DEVICES	w/DUPLEX RECT. DEVICES 1.59in. ² [1025mm ²]	w/SURGE/GFCI DEVICES 2.30in. ² [1485mm ²]	w/LARGE SINGLE DEVICES 3.00in. ² [1935mm ²]	40% FILL w/DOWNWARD ACTIVATION/CROSSOVER
14 AWG	0.111	[2.8]	206	141	111	83	46
12 AWG	0.130	[3.3]	150	103	81	60	33
10 AWG	0.164	[4.2]	95	64	51	38	21
8 AWG	0.216	[5.5]	54	37	29	22	12
6 AWG	0.254	[6.5]	39	27	21	15	8

DS4000 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL EACH COMPARTMENT	40% FILL w/DOWNWARD ACTIVATION/CROSSOVER
		Inches	[mm]		
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	70	28
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	57	23
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	40	16
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	20	8
	25-pair, 24 AWG	0.410	[10.4]	15	6
COAXIAL	RG6/U	0.270	[6.9]	35	14
FIBER	ZipCord	0.118 x 0.236 [3 x 6]		72	29
	Round 4 Strand Fiber	0.187 [4.8]		73	29
	Round 6 Strand Fiber	0.256 [6.5]		38	15

NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

DS4000 SERIES RACEWAY FITTINGS WIRE FILL CAPACITIES

WIRE SIZE/THHN		O.D. (Approx. Dia.)		DS4010A*		DS4011		DS4015		DS4017**		DS4018**		DS4075		DS4075A**	
		Inches	[mm]	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%
THHN	14	0.111	[2.8]	125	187	171	256	62	93	160	238	142	213	106	160	142	213
	12	0.130	[3.3]	91	137	125	187	45	68	116	175	104	156	78	116	104	156
	10	0.164	[4.2]	57	86	78	118	28	43	73	110	65	98	49	73	65	98
	8	0.216	[5.5]	33	50	45	68	16	25	42	63	38	57	28	42	38	57
	6	0.254	[6.5]	24	36	33	49	12	18	31	46	27	41	20	31	27	41
UTP	4-pair, 24 AWG	0.150	[4.8]	68	103	94	140	49	74	87	131	78	117	58	87	78	117
	4-pair, 24 AWG, Cat 3	0.190	[4.8]	43	64	58	87	31	46	55	82	49	73	36	55	49	73
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	35	52	48	72	25	38	45	67	40	60	30	45	40	60
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	25	37	34	51	18	27	32	47	28	42	21	32	28	42
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	12	18	17	25	9	13	16	24	14	21	10	16	14	21
	25-pair, 24 AWG	0.410	[10.4]	12	18	16	24	9	13	15	23	14	20	10	15	14	20
COAXIAL	RG6/U	0.270	[6.9]	21	32	29	43	15	23	27	41	24	36	18	27	24	36
FIBER	ZipCord	0.118 x 0.236 [3 x 6]		44	65	59	89	31	47	56	83	50	74	37	56	50	74
	Round 4 Strand Fiber	0.187 [4.8]		44	66	60	90	32	48	56	85	50	75	38	56	50	75
	Round 6 Strand Fiber	0.256 [6.5]		24	35	32	48	17	26	30	45	27	40	20	30	27	40

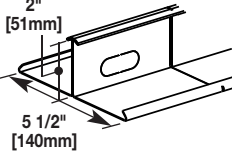
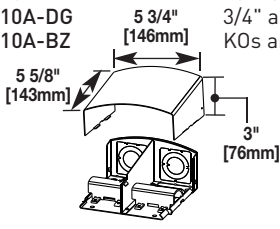
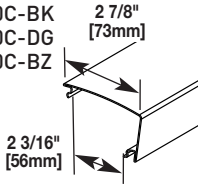
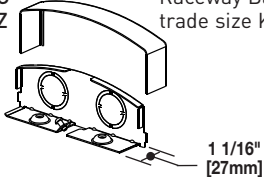
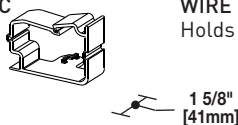
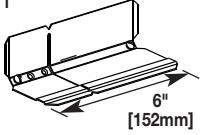
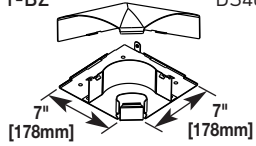
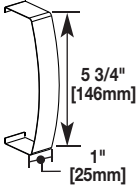
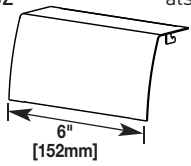
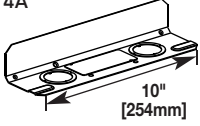
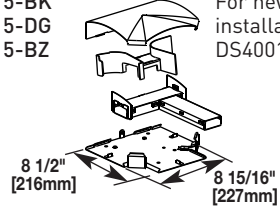
* Entrance end fitting fill rate is calculated using backfeed capability and radius inserts. Inserts are removable and fitting can obtain maximum raceway fill from utilizing end fitting knockouts and removing radius control inserts.
 ** Calculated using radius control inserts. Inserts are factory installed and may be removed in order to obtain full raceway capacity if radius control is not required.

PREWIRED DS4000 RACEWAY COVER WIRE FILL CAPACITIES WITH DOWNWARD FACING POWER & COMMUNICATION DEVICES

WIRE SIZE THHN/THWN	O.D. (Approx. Dia.)		40% FILL
	Inches	[mm]	
14 AWG	0.111	[2.8]	31
12 AWG	0.130	[3.3]	23
10 AWG	0.164	[4.2]	14
8 AWG	0.216	[5.5]	8
6 AWG	0.254	[6.5]	6

NOTE: Prewired downward facing covers are punched in line for a sleek flush look. Power conductors are provided in the lower channel. Additional wires can be added and should not exceed totals above. Communications are to be installed in the top channel – refer to standard cable fill chart for capacities.

DS4000 SERIES RACEWAY ORDERING INFORMATION

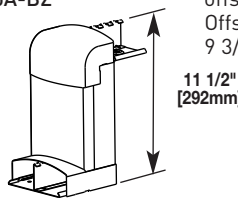





PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
DS4000B	RACEWAY BASE – .040" [1.0mm] galvanized steel. Each base section has mounting holes, two 9/32" [7.1mm] diameter, located every 4" [102mm] and pass through KOs located every 8" [203mm] along the entire length. Packed four 10' [3.05m] sections of base per carton. Two DS4001 Couplings included with each 10' section.		ENTRANCE END FITTING – Full-capacity end fitting. Includes four 3/4" and 1 1/4" concentric trade size KOs and four 2 1/8" large capacity KOs.
DS4010A-DV DS4010A-BK DS4010A-DG DS4010A-BZ		RACEWAY COVER – .040" [1.0mm] galvanized steel. Packed eight 5' [1.5m] lengths per carton. Four 5' [1.5m] cover sections required for each 10' [3.05m] section of base.	BLANK END FITTING – Closes off open end of DS4000B Raceway Base Has two 3/4" and 1" trade size KOs.
DS4000C-DV DS4000C-BK DS4000C-DG DS4000C-BZ		WIRE CLIP – Holds conductors in place.	
DS4000WC		ADJUST-TO-FIT™ COUPLING – Joins lengths of DS4000B together. Sold in pairs.	FLAT ELBOW – 90° flat corner for new lay-in or pull-through installations. One pair of DS4001 Couplings included.
DS4001		SEAM CLIP – Covers seam where two sections of DS4000C come together.	
DS4006-DV DS4006-BK DS4006-DG DS4006-BZ		HALF SEAM CLIP/BLANK FACEPLATE – Covers seams where two sections of DS4000C Cover come together. Can also be used as a blank faceplate.	BACKFEED COUPLING – Extra long coupling allows attachment to a wall box or to back feed DS4000 Series Raceway from 1" or 1 1/4" trade size conduit.
DS4006B-DV DS4006B-BK DS4006B-DG DS4006B-BZ		DIVIDED TEE – For new lay-in or pull-through installations. Two pair of DS4001 Couplings included.	
DS4015-DV DS4015-BK DS4015-DG DS4015-BZ			

DS4000 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
DS4017-DV DS4017-BK DS4017-DG DS4017-BZ	INTERNAL ELBOW – 90° Full capacity divided internal elbow that provides a 2" [51mm] cable bend radius for fiber optic/UTP/STP installations. One pair of DS4001 Couplings included.
DS4018-DV DS4018-BK DS4018-DG DS4018-BZ	EXTERNAL ELBOW – 90° full capacity divided external elbow provides a 2" [51mm] cable bend radius for fiber optic/UTP/STP installations. One pair of DS4001 Couplings included.
DS4047D-DV DS4047D-BK DS4047D-DG DS4047D-BZ	SINGLE-CHANNEL DUPLEX DEVICE PLATE – Installs 15A or 20A duplex receptacles or 106 style data frames into DS4000 Series Raceway.
DS4047DQ-DV DS4047DQ-BK DS4047DQ-DG DS4047DQ-BZ	SINGLE-CHANNEL DUPLEX DEVICE PLATE w/ONE DUPLEX INSTALLED – Installs the included, pre-installed on bracket Pass & Seymour® 20A duplex receptacle with 6" [152mm] lead wires into DS4000 Series Raceway.
DS4047R-DV DS4047R-BK DS4047R-DG DS4047R-BZ	SINGLE-CHANNEL DECORATOR DEVICE PLATE – Installs 15A or 20A decorator style receptacles, GFCI and surge devices into DS4000 Series Raceway.
DS4047MAB-DV DS4047MAB-BK DS4047MAB-DG DS4047MAB-BZ	SINGLE-CHANNEL MAB DEVICE PLATE – Installs communication devices into DS4000 Series Raceway. Includes CM-MAB Adapter for Wiremold Open System connectivity modules and Pass & Seymour® Activate inserts. Also includes MAB2S2 Adapter for Ortronics® Series II inserts and MAB6TJ Adapter for Ortronics® TracJack connectors.
DS4047C-DV DS4047C-BK DS4047C-DG DS4047C-BZ	SINGLE-CHANNEL NEMA DEVICE PLATE – For Turnlok® and most straight blade devices up to 50 Amps. Use with commercially available flush plates.

PART NO.	DESCRIPTION
DSDWND-DV DSDWND-BK DSDWND-DG DSDWND-BZ	DOWNWARD DUPLEX DEVICE PLATE – Installs 15A and 20A duplex receptacles or 106 style data frames into DS4000 Series Raceway in a downward facing, protected position.
DSDWNDQ-DV DSDWNDQ-BK DSDWNDQ-DG DSDWNDQ-BZ	DOWNWARD DUPLEX DEVICE PLATE w/One DUPLEX INSTALLED– Installs the included, pre-installed on bracket Pass & Seymour® 20A duplex receptacle with 6" [152mm] wire leads into DS4000 Series Raceway in a downward facing, protected position.
DSDWNR-DV DSDWNR-BK DSDWNR-DG DSDWNR-BZ	DOWNWARD DECORATOR DEVICE PLATE– Installs 15A and 20A decorator style receptacles, GFCI and Surge devices into DS4000 Series Raceway in a downward facing, protected position.
DSDWNX	CROSSOVER KIT – Provides shielding when using downward-facing activations. Includes enclosures for power or data crossover.
DS4075-DV DS4075-BK DS4075-DG DS4075-BZ	SMALL OBSTACLE/ TRANSITION FITTING– Passes DS4000 Series Raceway over previously installed conduit or raceways as large as 2400 Series Raceway. Also creates transition to 500, 700 or 2400D Series Raceway from DS4000 Series Raceway.
DSDWNS-DV DSDWNS-BK DSDWNS-DG DSDWNS-BZ	DOWNWARD ORTRONICS® SERIES II DEVICE PLATE– Accepts one Ortronics® Series II module.
DSDWNU-DV DSDWNU-BK DSDWNU-DG DSDWNU-BZ	DOWNWARD DEVICE PLATE– Accepts two Extron® Electronics MAAP single space modules.

DS4000 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
DS4075A-DV DS4075A-BK DS4075A-DG DS4075A-BZ	OFFSET FITTING – Mounts DS4000 Series Raceway around wall offsets and columns with maximum offset depth of 9" [229mm]. Minimum Offset: 3" [76mm]. Maximum Offset: 9 3/4" [235mm]. 	650RT	FITTING COVER REMOVAL TOOL – Easy removal of installed DS4000 Series raceway and fittings' covers without scratching or damaging their finish. 
DS4089-DV DS4089-BK DS4089-DG DS4089-BZ	ADAPTER TO 4000 SERIES RACEWAY – In-line transition from DS4000 Series Raceway to 4000 Series Raceway. 	DVWE-S DGWE-S BKWE-S BZWE-S	SPRAY PAINT – Used for touching up large areas. Contains 12 oz. of paint. NOTE: Can only be shipped via ground transportation. 
DSTRK	TAMPER-RESISTANT KIT – Kit includes 25 screws and special bit to secure covers for fittings and raceway to DS4000B Raceway Base.	DVWE-P BKWE-P BZWE-P	TOUCH-UP PAINT PEN – Used for touching up small areas. Contains 0.3 oz. of paint. 
640DS	DS4000 SERIES RACEWAY CUTTER – Portable cutter provides clean square cuts for DS4000C Raceway Cover. 		



One of the innovations of DS4000 Series Raceway is Adjust-to-Fit™ Couplings that simplify installations and reduce installer time by eliminating the need for precision raceway cuts.

4000® SERIES RACEWAY



Single- and dual-channel raceway. Easy-to-install and ideal for basic power or communication/low voltage installations.

- 4000® Series Raceways UL Code Reference..... 53
- 4000® Series Raceways Color Options.....53
- 4000® Series Raceways System Layout 53
- 4000® Series Raceway Wire Fill Capacity Charts 54
- 4000® Series Raceway Ordering Information 55
- 4047 Series™ Faceplate Ordering Information 58
- 4000® Series Interconnectivity Fittings Chart 60



4000 Series Raceway in a dormitory application.

4000 Series Raceway NEW!
 now compatible
 with A/V devices.

CODE REFERENCE

cULus Listed Raceway:
 File E4376 Guide RJBT.

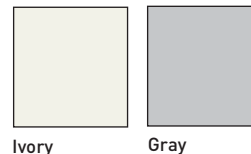
Fittings:
 File E41751 Guide RJPR.

Base & Blank Cover:
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 Meets Section 12-600 of CEC.

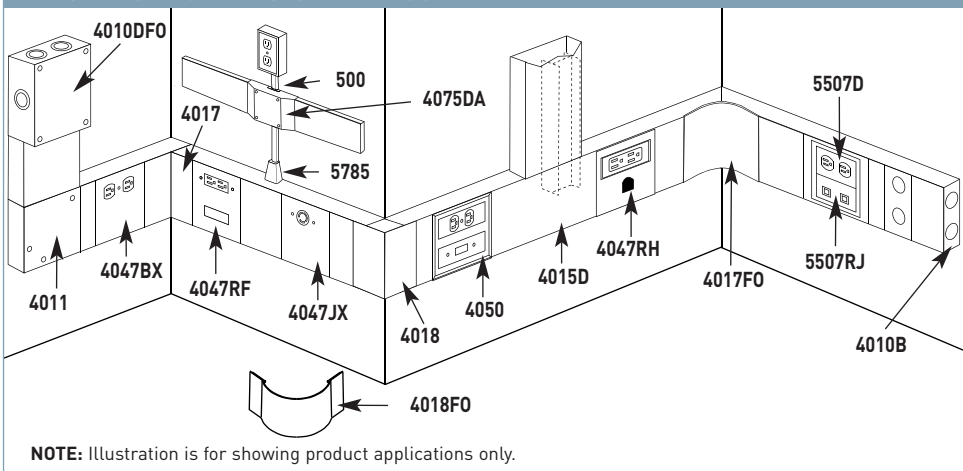
4000 SERIES RACEWAY COLOR OPTIONS

4000® Series Raceway Part Numbers with a “V” prefix have an ivory finish. Part Numbers with a “G” prefix have a gray finish.

Custom color options are also available. Consult the factory for more information.



4000 SERIES RACEWAY SYSTEM LAYOUT



KEY	
4010B	Blank End Fitting
4010DFO	Entrance End Fitting
4011	Flat Elbow
4015D	Divided Tee
4017	Internal Elbow
4017FO	Radiused Full Capacity Internal Elbow
4018	External Elbow
4018FO	Radiused Full Capacity External Elbow
4047BX	Duplex Receptacle Device Plate
4047JX	Single Receptacle & Device Plate
4047RF	Rectangular Receptacles and Modular Furniture Device Plate
4047RH	Device Plate for Rectangular Receptacle and Mousehole
4050	Device Mounting Plate w/5507 Series Faceplates
4075DA	Bridge Fitting
500	500 Series Raceway
5507D	Duplex Faceplate
5785	Combination Connector
5507RJ	Device Plate with two RJ ports

4000 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		DIVIDED 40% FILL	UNDIVIDED 40% FILL
		Inches	[mm]		
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	49	101
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	40	83
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	28	58
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	14	29
	25-pair, 24 AWG	0.410	[10.4]	10	21
COAXIAL	RG6/U	0.270	[6.9]	24	50
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	50	103
	Round 4 Strand Fiber	0.187	[4.8]	51	104
	Round 6 Strand Fiber	0.256	[6.5]	27	55

NOTE: For additional information, refer to the Technical Section.

* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

4000 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D. Inches [mm]		NUMBER OF CONDUCTORS (40% FILL)									
			WITHOUT DEVICES		WITH DUPLEX RECT. DEVICES		WITH SURGE/ GFCI DEVICES		LARGE SINGLE RECEPTACLES			
			Undiv.	Divided	1.59in. ² [1025mm ²]	2.30in. ² [1485mm ²]	3.00in. ² [1935mm ²]	Undiv.	Divided	Undiv.	Divided	
14 AWG	0.111	[2.8]	296	127	165	78	107	49	49	20		
12 AWG	0.130	[3.3]	216	93	120	57	78	36	36	15		
10 AWG	0.164	[4.2]	136	58	76	36	49	22	22	9		
8 AWG	0.216	[5.5]	78	33	43	20	28	13	13	5		
6 AWG	0.254	[6.5]	56	24	31	15	20	9	9	3		
4 AWG	0.324	[8.2]	34	15	0	0	0	0	0	0		
3 AWG	0.352	[8.9]	29	12	0	0	0	0	0	0		
2 AWG	0.384	[9.8]	24	10	0	0	0	0	0	0		

4000 SERIES RACEWAY FITTINGS WIRE FILL CAPACITIES WHEN USING 4000 RADIUS INSERTS

CABLE/WIRE SIZE	O.D.		4011 Flat Elbow 40% Fill		4017 & 4018 Elbows 40% Fill		4015D & 4015 Tee Fitting 40% Fill	
	Inches	[mm]	4011DRI DIV.	4011/15RI UNDIV.	4017/18RI DIV.	4017/18RI UNDIV.	4015DRI DIV.	4011/15RI UNDIV.
POWER WIRING	2	0.384 [9.8]	11	21	6	11	6	16
THHN/THWN	4	0.324 [8.2]	15	30	8	15	9	23
	6	0.254 [6.5]	24	48	13	25	14	37
	8	0.216 [5.5]	34	67	18	35	20	51
	10	0.164 [4.2]	68	136	36	71	40	104
	12	0.130 [3.3]	107	214	56	112	63	163
	14	0.111 [2.8]	145	288	75	151	85	220
UNSHIELDED TWISTED PAIR	Cat. 3 UTP	0.190 [4.8]	44	88	23	46	26	67
	Cat 5e UTP	0.210 [5.3]	36	72	19	38	21	55
	Cat 6 UTP	0.250 [6.3]	23	47	12	24	13	36
	Cat 6a UTP	0.354 [9.0]	16	31	9	15	10	24
	25-pair	0.410 [10.4]	9	19	5	10	6	14
COAXIAL	RG6/U	0.270 [6.9]	22	44	22	23	13	33
FIBER	ZipCord	0.118 x 0.236 [3 x 6]	132	263	69	137	78	201
	Round 4 Strand Fiber	0.187 [4.8]	44	88	23	46	26	67
	Round 6 Strand Fiber	0.256 [6.5]	36	72	19	38	21	55

Why Wiremold...

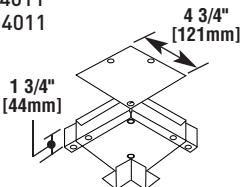
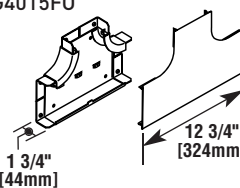
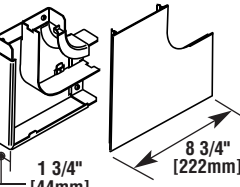
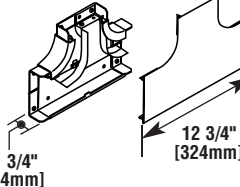
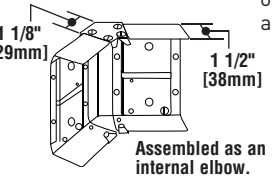
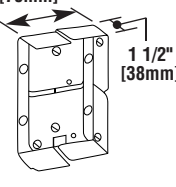
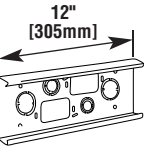
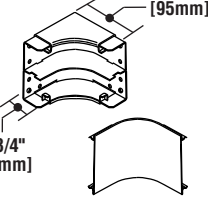
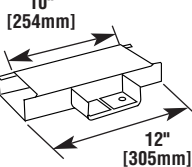
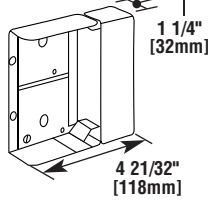
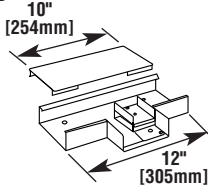
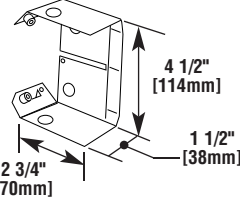
Installed above the lab benches, and with a finish that matches other furnishings, perimeter raceway provides multiple receptacles and access to data networks. The contractor appreciated built-in productivity benefits that helped meet a tight schedule.



4000 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
V4000B-10 G4000B-10	RACEWAY BASE – .054" [13.7mm] galvanized steel. Packed five 10' [3m] lengths per carton. Base has two 9/32" [7.1mm] diameter KOs every 18" [457mm] throughout length. No KOs 1 1/4" [32mm] from each end.	640C	COVER CUTTER – Portable cutter for 4000 and 6000 Series Raceway Cover. Provides clean and square end cuts. NOTE: Not for use with stainless steel S4000 Series Raceway.
V4000C G4000C	RACEWAY COVER – .040" [1.0mm] galvanized steel. Packed ten 5' [1.5m] lengths per carton. 4000C Cover is also compatible with 6000B, 6000 Series Raceway Base.	640CDK	REPLACEMENT BLADE KIT – Case hard steel replacement blade and die set for 640C Cutter.
V4000C075 G4000C075	7.5" [191mm] PRECUT RACEWAY COVER – Mounts devices spaced 12" [305mm] on center using 4047 Series device plates.	G4000WC	WIRE CLIP (Galvanized) – Holds conductors in place.
V4000C135 G4000C135	13.5" [343 mm] PRECUT RACEWAY COVER – Mounts devices spaced 18" [457mm] on center using 4047 Series device plates.	4001A	COUPLING (Galvanized) – Joins lengths of 4000B Raceway Base. Sold in pairs.
V4000C195 G4000C195	19.5" [495 mm] PRECUT RACEWAY COVER – Mounts devices spaced 24" [610mm] on center using 4047 Series device plates.	4001DA	DIVIDER CLIP (Galvanized) – Required for holding G4000D Divider in place. Use one every 2 1/2' [762m].
V4000C315 G4000C315	31.5" [800 mm] PRECUT RACEWAY COVER – Mounts devices spaced 36" [915mm] on center using 4047 Series device plates.	V4006 G4006	SEAM CLIP – Covers seams where two sections of 4000 Series Raceway covers come together.
G4000D	DIVIDER – .040" [1.0mm] galvanized steel. Painted on one side only to provide compartment identification. Packed ten 5' [1.5m] lengths (50' [15.2m]) per carton.	V4010B G4010B	BLANK END FITTING – Closes off open end of 4000 Series Raceway. Has two 1/2" trade size KOs to facilitate end feeding.
640B	BASE CUTTER – Portable cutter for 4000 Series Raceway Base. Provides clean and square end cuts. NOTE: Not for use with stainless steel S4000 Series Raceway.	V4010DFO G4010DFO	ENTRANCE END FITTING – Full capacity entrance end fitting. Has concentric 3/4", 1", and 1 1/4" trade size KOs on end and bottom for feeding 4000 Series Raceway. Includes removable divider and 1 1/4" [32mm] bend radius control insert for UTP/STP and fiber optic cable installations.
640BDK	REPLACEMENT BLADE KIT – Case hard steel replacement blade and die set for 640B Cutter.		

4000 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
V4011 G4011	FLAT ELBOW – Right angle turns on the same surface. 	V4015FO G4015FO	RADIUSED FULL CAPACITY TEE – Full capacity, undivided tee fitting. Provides 2" [51mm] cable bend radius control for UTP, STP and fiber optic installations. Ideal for new installations whether the cable is lay-in or pull-through. 
V4011FO G4011FO	RADIUSED FULL CAPACITY FLAT ELBOW – Full capacity 90° flat corner used in divided or undivided applications. 2" [51mm] bend radius control for UTP, STP and fiber optic installations. Ideal for new installations when the cable is lay-in or pull-through. 	V4015DFO G4015DFO	RADIUSED DIVIDED TEE – Full capacity, divided tee fitting. Provides 2" [51mm] cable bend radius control for UTP, STP and fiber optic installations. Ideal for new installations whether the cable is lay-in or pull-through. 
V4012TX G4012TX	INTERNAL OR EXTERNAL 45° ELBOW – Internal or external 45° turns in a run of 4000 Series Raceway. Can also be assembled as an inverted 45° elbow. 	V4017 G4017	INTERNAL ELBOW – 90° internal corners. Fiber bushing included. 
V4014A G4014A	WALL BOX CONNECTOR – Base has two concentric 1", 3/4", and 1/2" trade size KOs, two concentric 1 1/4", and 1" KOs (undivided only), and two rectangular 2 9/16" x 1 11/16" KOs.  Direct feeding. Direct feeding with divider. Feeding from wall box.	V4017FO G4017FO	INTERNAL ELBOW – Full capacity, divided internal elbow. Provides 2" [51mm] cable bend radius control for UTP, STP and fiber optic installations. Ideal for new installations whether the cable is lay-in or pull-through. 
V4015 G4015	TEE – For branching raceway at right angles. Use with undivided raceway only. Join to raceway run with two pair of 4001A Couplings (not included). 	V4017N G4017N	INVERTED INTERNAL ELBOW – Connects a vertical run of 4000 Series Raceway with a horizontal overhead run with its cover facing up. 
V4015D G4015D	DIVIDED TEE – For branching raceway at right angles. Use with divided raceway only. Join to raceway run with two pair of 4001A Couplings (not included). 	G4017TCA	INTERNAL CORNER COUPLING (Plated) – Makes an internal corner while continuing original run in a straight line. May be used with or without divider. Fiber bushing included. 



4000 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
V4018 G4018	EXTERNAL ELBOW FITTING – 90° external corners.	V4075D G4075D	BRIDGE FITTING – Allows 4000 Series Raceway to cross over existing installations of 4000 Series Raceway.
V4018FO G4018FO	RADIUSED EXTERNAL ELBOW – Full capacity 90° external corner. Used in both divided and undivided applications. Provides 2" [51mm] cable bend radius control for UTP, STP and fiber optic installations. Ideal for new installations whether the cable is lay-in or pull-through.	V4075DA G4075DA	BRIDGE FITTING – Allows 4000 Series Raceway to cross over existing installations of 2400, 700, or 500 Series Raceway.
4011/15RI	RADIUSED CORNER INSERT – Radiused insert for 4011 Flat Elbow Fitting and for 4015 Undivided Tee Fitting. Provides 2" [51mm] cable bend radius control for UTP, STP and fiber optic cable installations. Ideal for new and retrofit applications whether the cable installation is lay-in or pull-through.	V4074A G4074A	TAKE-OFF CONNECTOR (4000 TO 3000 SERIES RACEWAY) – 90° tee connection at any point along a run of 4000 Series Raceway.
4017/18RI	RADIUSED INSERT FOR INTERNAL/EXTERNAL ELBOW – Radiused insert for 4017 Internal Elbow and 4018 External Elbow in divided or undivided applications. Provides 2" [51mm] cable bend radius control for UTP, STP and fiber optic cable installations. Ideal for new and retrofit applications whether the cable installation is lay-in or pull-through.	V4086A G4086A	PANEL CONNECTOR – Connects 4000 Series Raceway to surface type panel boxes. Maintains maximum wire capacity of 4000 Series Raceway. Separate C-shaped flange fits around raceway to hide irregularities made during cutting into box.
4011DRI	RADIUSED INSERT FOR DIVIDED FLAT ELBOW – Bend radius control insert for 4011 Divided Flat Elbow. Bend radius of 2" [51mm] for UTP/STP or fiber optical cable installations. Ideal for new or retrofit applications where cable installation is lay-in or pull-through.	V4089	REDUCING CONNECTOR – Reduces 4000 Series Raceway to either 2400 or 2400BD Series Raceway.
4015DRI	RADIUSED INSERT FOR DIVIDED TEE FITTING – Radiused insert for 4015D Divided Tee. Provides 2" [51mm] bend radius control for UTP/STP or fiber optic installations. Ideal for new and retrofit applications whether the cable installation is lay-in or pull-through.	V4050 G4050	DEVICE MOUNTING BRACKET – High impact plastic mounting bracket and trim plate. Overlaps raceway cover for a seamless transition with cover fittings. Accepts 5507 Faceplates, as well as, Wiremold Open System communication modules, Ortronics® TracJack and Series II inserts, and Pass & Seymour® Activate Series inserts. For faceplate options, see 5507 Series™ Faceplates.

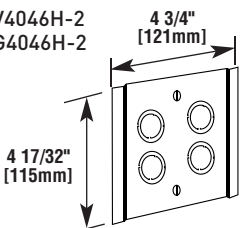
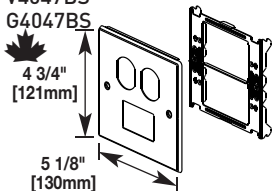
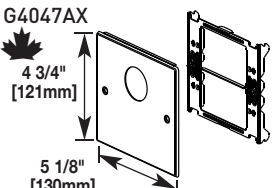
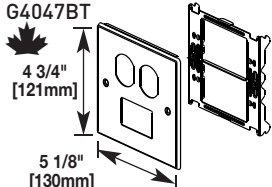
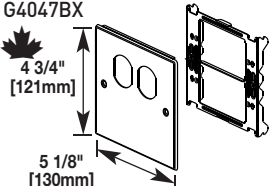
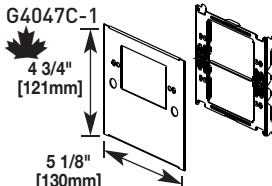
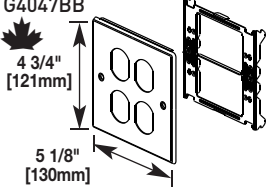
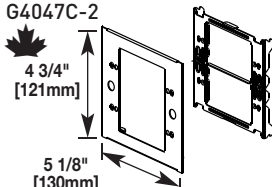
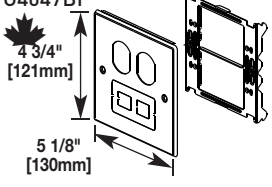
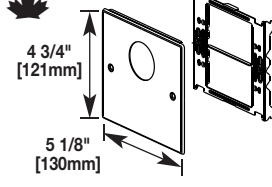
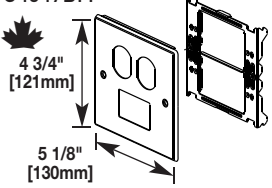

NOTE: CM-EPLA End Plates are required when using Wiremold CM2 communication modules and Pass & Seymour® Activate inserts. S2-EPL End Plates are required when using Ortronics® Series II inserts. To mount TracJack modules, use 55074TJ or 55076TJ Faceplates.

Parts identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products, change the "V" color prefix to "CV" or the "G" color prefix to "CG" to denote the Canadian versions.

4000 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
IWE-S GWE-S	 <p>SPRAY PAINT - Used for touching up large areas. Contains 12 oz. of paint. NOTE: Can only be shipped via ground transportation.</p>	IWE-P GWE-P	 <p>TOUCH-UP PAINT PEN - Used for touching up small areas. Contains 0.3 oz. of paint.</p>

4047 SERIES FACEPLATES ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
V4046H-2 G4046H-2	 <p>TAP-OFF FITTING - Four concentric 1/2" and 3/4" trade size KO's. Dimensions: 4 3/4" [121mm] width, 4 17/32" [115mm] height.</p>	V4047BS G4047BS	 <p>TWO-GANG COVER & ORTRONICS® SERIES II MINI ADAPTER ADAPTER - Accepts 15A or 20A duplex receptacles and 106 style frames. Includes Mini adapter that will accept one Ortronics® Series II insert. Dimensions: 4 3/4" [121mm] height, 5 1/8" [130mm] width.</p>
V4047AX G4047AX	 <p>TWO-GANG COVER SINGLE ROUND OPENING - Accepts straight blade and locking single receptacles with face diameters of 1.38" to 1.39" [35mm to 36mm]. Dimensions: 4 3/4" [121mm] height, 5 1/8" [130mm] width.</p>	V4047BT G4047BT	 <p>TWO-GANG COVER & ORTRONICS® SERIES II MINI ADAPTER ADAPTER - Accepts 15A or 20A duplex receptacles and 106 style frames. Includes Mini adapter that will accept two Ortronics® TracJack inserts. Dimensions: 4 3/4" [121mm] height, 5 1/8" [130mm] width.</p>
V4047BX G4047BX	 <p>TWO-GANG COVER ONE DUPLEX RECEPTACLE - Accepts 15A or 20A duplex receptacles and 106 style frames when used for communications outlets. Dimensions: 4 3/4" [121mm] height, 5 1/8" [130mm] width.</p>	V4047C-1 G4047C-1	 <p>ONE-GANG DEVICE PLATE - Accepts commercially available flush plates (not included). Dimensions: 4 3/4" [121mm] height, 5 1/8" [130mm] width.</p>
V4047BB G4047BB	 <p>TWO-GANG COVER TWO DUPLEX RECEPTACLES - Accepts 15A or 20A duplex receptacles and 106 style frames. Dimensions: 4 3/4" [121mm] height, 5 1/8" [130mm] width.</p>	V4047C-2 G4047C-2	 <p>TWO-GANG DEVICE PLATE - Accepts commercially available flush plates (not included). Dimensions: 4 3/4" [121mm] height, 5 1/8" [130mm] width.</p>
V4047BF G4047BF	 <p>TWO-GANG COVER DUPLEX & MODULAR FURNITURE - Accepts 15A or 20A duplex receptacles. Includes combination Has combination twistout that can accept either one Modular Furniture adapter, 106 style frame, or two Keystone RJ45s. Dimensions: 4 3/4" [121mm] height, 5 1/8" [130mm] width.</p>	V4047JX G4047JX	 <p>TWO-GANG COVER SINGLE ROUND OPENING - Accepts straight blade and single locking receptacles with face diameters of 1.56" - 1.58" [39mm - 40mm]. Dimensions: 4 3/4" [121mm] height, 5 1/8" [130mm] width.</p>
V4047BM G4047BM	 <p>TWO-GANG COVER & PASS & SEYMOUR® ACTIVATE 2A MINI ADAPTER ADAPTER - Accepts 15A or 20A duplex receptacles and 106 style frames. Includes Mini adapter that will accept Activate Series inserts and Wiremold Open System communication modules. Dimensions: 4 3/4" [121mm] height, 5 1/8" [130mm] width.</p>	<p> Parts identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products, change the "V" color prefix to "CV" or the "G" color prefix to "CG" to denote the Canadian versions.</p>	

NOTE: All 4047 Series Faceplates provide 1/4" [6.4mm] of overlap on each side of plate.

4047 SERIES FACEPLATES ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
V4047RX G4047RX	TWO-GANG COVER WITH ONE RECTANGULAR OPENING – Accepts rectangular GFCI, Surge and Decorator Style devices. Does not accept 5507 Series Faceplates.	V4047-2BBBB G4047-2BBBB	FOUR-GANG COVER FOUR DUPLEX OPENINGS – Accepts 15A or 20A duplex receptacles and 106 style frames.
V4047RF G4047RF	TWO-GANG COVER RECTANGULAR OPENING & MODULAR FURNITURE – Accepts rectangular GFCI, Surge and Decorator Style devices, modular furniture adapters and RJ45s. Does not accept 5507 Series Faceplates.	V4047-2BBFF G4047-2BBFF	FOUR-GANG COVER TWO DUPLEX & TWO MODULAR FURNITURE OPENINGS – Accepts 15A or 20A duplex receptacles and 106 style frame. Includes combination twistouts for either modular furniture adapter or two keystone RJ45s.
V4047WX G4047WX	TWO-GANG COVER ONE DUPLEX RECEPTACLE INSTALLED – Includes one Pass & Seymour® Duplex Receptacle with 12" wire leads installed on bracket.	V4047-2BBMM G4047-2BBMM	FOUR-GANG COVER TWO DUPLEX & TWO MINI ADAPTERS – Accepts 15A or 20A duplex receptacles and 106 style frame. Includes Mini adapter that accepts Pass & Seymour® Activate inserts, or Wiremold Open System communication modules.
V4047WF G4047WF	TWO-GANG COVER ONE DUPLEX RECEPTACLE INSTALLED & ONE MODULAR FURNITURE OPENING – Includes one Pass & Seymour® 20A Duplex Receptacle with 12" wire leads installed on bracket. Has combination twistout that can accept either one Modular Furniture adapter or two Keystone RJ45s.	V4047-2BBSS G4047-2BBSS	FOUR-GANG COVER TWO DUPLEX & TWO SERIES II MINI ADAPTERS – Accepts 15A or 20A duplex receptacles and 106 style frame. Includes Mini adapter that accepts one Ortronics® Series II insert.
V4047WM G4047WM	TWO-GANG COVER ONE DUPLEX RECEPTACLE INSTALLED & ACTIVATE MINI ADAPTER – Includes one Pass & Seymour® 20A Duplex Receptacle with 12" wire leads installed on bracket. Includes Mini adapter that accepts Pass & Seymour® Activate inserts and Wiremold Open System communication modules.	V4047-2BBTT G4047-2BBTT	FOUR-GANG COVER TWO DUPLEX & TWO TRACJACK MINI ADAPTERS – Accepts 15A or 20A duplex receptacles and 106 style frame. Includes Mini adapter that accepts two Ortronics® TracJack inserts.
V4047WS G4047WS	TWO-GANG COVER ONE DUPLEX RECEPTACLE INSTALLED & SERIES II MINI ADAPTER – Includes one Pass & Seymour® 20A Duplex Receptacle with 12" wire leads installed on bracket. Includes Mini adapter that will accept one Ortronics® Series II insert.	V4047-2BBXX G4047-2BBXX	FOUR-GANG COVER WITH TWO DUPLEX OPENINGS – Accepts 15A or 20A duplex receptacles and 106 style frames.
V4047WT G4047WT	TWO-GANG COVER ONE DUPLEX RECEPTACLE INSTALLED & TRACJACK MINI ADAPTER – Includes one Pass & Seymour® 20A Duplex Receptacle with 12" wire leads installed on bracket. Includes Mini adapter that accepts two Ortronics® TracJack inserts.	V4047-2RRXX G4047-2RRXX	FOUR-GANG COVER WITH TWO RECTANGULAR OPENINGS – Accepts rectangular, GFCI, Surge, and decorator style devices. Does not accept 5507 Series Faceplates.

NOTE: All 4047 Series Faceplates provide 1/4" [6.4mm] of overlap on each side of plate.

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4047 SERIES FACEPLATES ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
V4047-2WWFF G4047-2WWFF	FOUR-GANG COVER WITH TWO DUPLEX & TWO MODULAR FURNITURE OPENINGS – Includes two Pass & Seymour® 20A Duplex Receptacles with 12" wire leads installed on bracket. Two combination twistouts accept either modular furniture adapters or Keystone RJ45s.
V4047-2WMM G4047-2WMM	FOUR-GANG COVER WITH TWO ACTIVATE MINI ADAPTERS – Includes two Pass & Seymour® 20A Duplex Receptacles with 12" wire leads installed on bracket. Includes Mini adapter that accepts Pass & Seymour® Activate inserts & Wiremold Open System communication modules.
V4047-2WSS G4047-2WSS	FOUR-GANG COVER WITH TWO SERIES II MINI ADAPTERS – Includes two Pass & Seymour® 20A Duplex Receptacles with 12" wire leads installed on bracket. Includes Mini adapter that accepts one Ortronics® Series II insert.
V4047-2WTT G4047-2WTT	FOUR-GANG COVER WITH TWO TRACJACK MINI ADAPTERS – Includes two Pass & Seymour® 20A Duplex Receptacles with 12" wire leads installed on bracket. Includes Mini adapter that accepts two Ortronics® TracJack inserts.

PART NO.	DESCRIPTION
V4047-2WWXX G4047-2WWXX	FOUR-GANG COVER WITH TWO DUPLEX RECEPTACLES INSTALLED – Includes two Pass & Seymour® 20A Duplex Receptacles with 12" wire leads installed on bracket.
V4047UX G4047UX	BUMP-UP DEVICE PLATE – Accepts four Extron® Electronics MAAP single space modules.
V4047VX G4047VX	BUMP-UP EXTRON® AAP DEVICE PLATE – Accepts two Extron® Electronics AAP single space modules.

Parts identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products, change the "V" color prefix to "CV" or the "G" color prefix to "CG" to denote the Canadian versions.

NOTE: All 4047 Series Faceplates provide 1/4" [6.4mm] of overlap on each side of plate.

4047 CONFIGURABLE COVER PLATES NUMBER LOGIC

- For "X", Choose one of the following options:
V Ivory & UL Listed **CV** Ivory & cULus Listed (Canada only)
G Gray & UL Listed **CG** Gray & cULus Listed (Canada only)
 - Choose a Plate Configuration:
Two-Gang Plate: X 4047 Y Y

1
2

Four-Gang Plate: X 4047-2 Y Y Y Y

1	2
3	4
 - For "Y", Choose any combination of configurations from the options listed below:
A. 1.41" [35.8mm] Diameter, Single Round Receptacle **J.** 1.59" [40mm] Diameter, Single Round Receptacle
B. Duplex Receptacle Opening **M.** Pass & Seymour Activate 2A Mini Adapter Opening with Adapter
F. Combination Modular Furniture & 2 Keystone Twist Out **R.** Rectangular Receptacle
H. Mouse Hole Twist Out & Grommet **S.** Ortronics Series II 2A Mini Adapter Opening with Adapter
T. Ortronics TracJack 2A Mini Adapter Opening w/Adapter **W.** P&S Light Almond 20 Amp Receptacle pre-pigtailed with 12" wire leads installed on Bracket
X. Blank **Z.** 3 Keystone Twist Out
 - Finished Part Number:
4047 **4047-2**
- NOTE: JJ combination not available.
 For additional colors or configurations, call 1-800-621-0049, option 2.

4000 SERIES INTERCONNECTIVITY FITTINGS

FROM	CONNECTION REQUIRED TO	USE CATALOG NUMBER
4000 Series Raceway	DS4000 Series Raceway	DS4089
4000 Series Raceway	3000 (Tee Connection)	G4074A
4000 Series Raceway	4000 (Tee Connection)	4015/4015FO
4000 Series Raceway w/Divider	4000 w/Divider (Tee Connection)	4015D
4000 Series Raceway	500 Series Raceway	V5785
6000 Series Raceway	4000 (Tee Connection)	6074A
1/2" or 3/4" trade size Conduit or Armored Cable	Cover of 4000 Series Raceway	4064H-2
1/2" trade size Conduit or Armored Cable	End of 4000 Series Raceway	4010B
3/4", 1", or 1 1/4" trade size Conduit or Armored Cable	Back, Side or End of 4000 Series Raceway	4010DFO
1" or 1 1/4" trade size Conduit or Armored Cable	Back or End of 4000 Series Raceway	4010DFC
1/2", 3/4", 1", or 1 1/4" trade size Conduit or Armored Cable	Back of 4000 Series Raceway	4014A
Flush Mounted Wall Box	Back of 4000 Series Raceway	4014A

S4000® SERIES RACEWAY

Single- and dual-channel raceway. Easy-to-install and ideal for specialized power or communication/low voltage installations.

S4000® Series Raceways UL Code Reference 61
 S4000® Series Raceways Color Options 61
 S4000® Series Raceways System Layout 61
 S4000® Series Raceway Wire Fill Capacity Charts 62
 S4000® Series Raceway Ordering Information 62
 S4000® Series Custom Faceplate Ordering Information 66
 S4000® Series Installation Details 66



S4000 Series Stainless Steel Raceway.

S4000® SERIES STAINLESS STEEL RACEWAY

CODE REFERENCE

cULus Listed Raceway:
 File E4376 Guide RJBT.
Fittings:
 File E41751 Guide RJPR.
Base & Blank Cover:
 Meets Article 386 of NEC.
 Meets Section 12-600 of CEC.

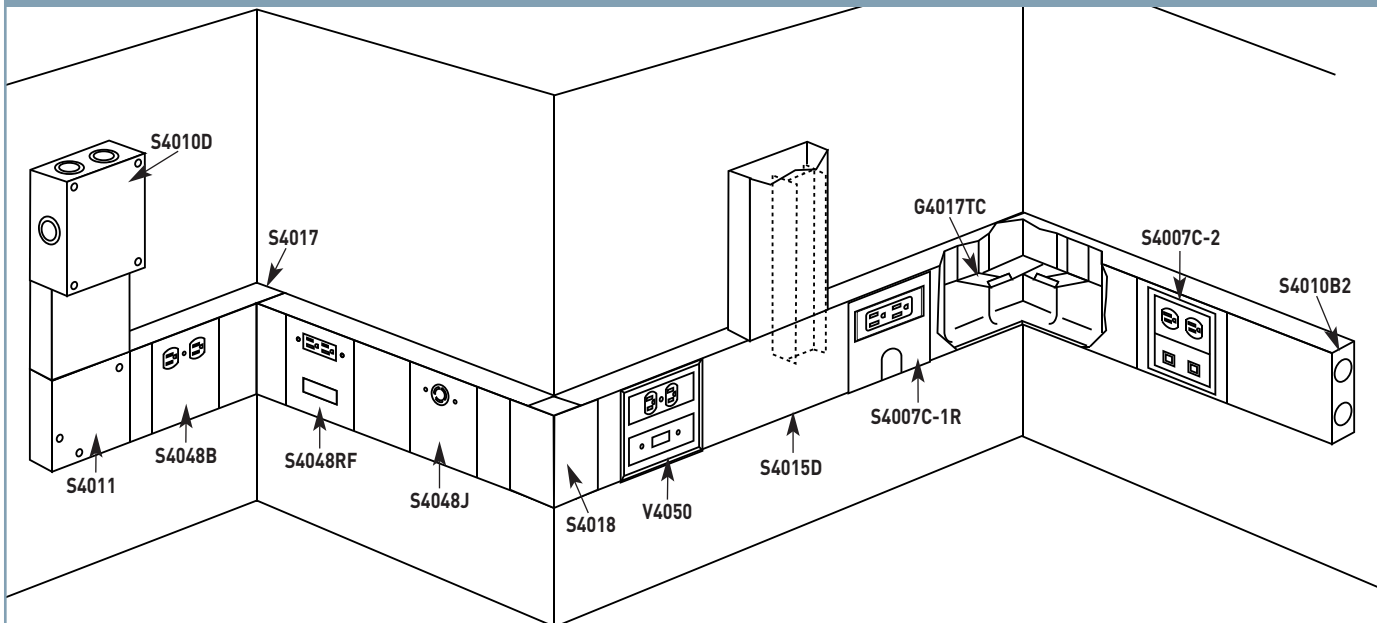
S4000 SERIES RACEWAY COLOR OPTIONS

S4000® Series Raceway Part Numbers are available with a brushed stainless steel finish unless otherwise indicated in the part number description.



Stainless Steel

S4000 SERIES RACEWAY SYSTEM LAYOUT



NOTE: Illustration is for showing product applications only.

KEY

G4017TC	Internal Corner Coupling (Plated)	S4011	Flat Elbow Fitting	S4048J	Single Twistlock Receptacle Cover
S4007C-1R	Single Device Fitting	S4015D	Divided Tee Fitting	S4048RF	Rectangular Receptacles & AMP Flexmode or ACO
S4007C-2	Two-Gang Device Plate with Wallplates	S4017	Internal Elbow Fitting	V4050	Device Mounting Plate (Inserts included)
S4010B2	Blank End Fitting	S4018	External Elbow Fitting		
S4010D	Entrance End Fitting	S4048B	Duplex Receptacle Device Plate		

S4000 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.) Inches [mm]	DIVIDED 40% FILL	UNDIVIDED 40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190 [4.8]	49	101
	4-pair, 24 AWG, Cat 5e	0.210 [5.3]	40	83
	4-pair, 24 AWG, Cat 6	0.250 [6.3]	28	58
	4-pair, 24 AWG, Cat 6a*	0.354 [9.0]	14	29
	25-pair, 24 AWG	0.410 [10.4]	10	21
COAXIAL	RG6/U	0.270 [6.9]	24	50
FIBER	ZipCord	0.118 x 0.236 [3 x 6]	50	103
	Round 4 Strand Fiber	0.187 [4.8]	51	104
	Round 6 Strand Fiber	0.256 [6.5]	27	55

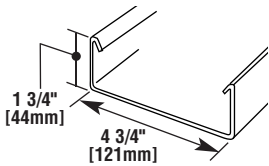
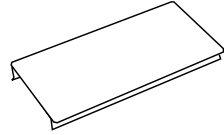
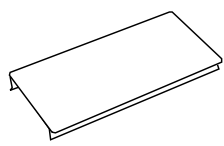
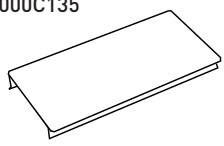
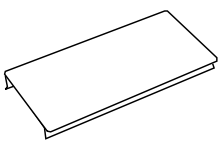
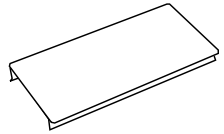
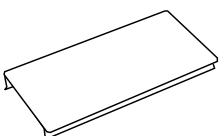
NOTE: For additional information, refer to the Technical Section.

* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

S4000 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D. Inches [mm]	NUMBER OF CONDUCTORS (40% FILL)							
		WITHOUT DEVICES		WITH DUPLEX RECT. DEVICES		WITH SURGE/ GFCI DEVICES		LARGE SINGLE RECEPTACLES	
		Undiv.	Divided	1.59in. ² [1025mm ²]	2.30in. ² [1485mm ²]	3.00in. ² [1935mm ²]	Undiv.	Divided	Undiv.
14 AWG	0.111 [2.8]	296	127	165	78	107	49	49	20
12 AWG	0.130 [3.3]	216	93	120	57	78	36	36	15
10 AWG	0.164 [4.2]	136	58	76	36	49	22	22	9
8 AWG	0.216 [5.5]	78	33	43	20	28	13	13	5
6 AWG	0.254 [6.5]	56	24	31	15	20	9	9	3
4 AWG	0.324 [8.2]	34	15	0	0	0	0	0	0
3 AWG	0.352 [8.9]	29	12	0	0	0	0	0	0
2 AWG	0.384 [9.8]	24	10	0	0	0	0	0	0

S4000 SERIES RACEWAY ORDERING INFORMATION

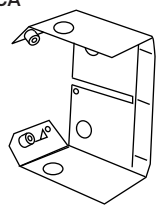
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
S4000B	 <p>RACEWAY BASE – .050" [1.3mm] stainless steel. Base has two 9/32" [7.1mm] diameter KOs 1 1/4" [32mm] from each end and every 18" [457mm] on center throughout. S4000B is available in 10' [3m] lengths. Also available in lengths precut to customer specifications.</p>	S4000C090	 <p>9" [229mm] PRECUT RACEWAY COVER – .040" [1.0mm] stainless steel. Snap-on cover for mounting 9" [229mm] device plates on 18" [457mm] centers.</p>
S4000C-5	 <p>RACEWAY COVER – .040" [1.0mm] stainless steel. S4000C-5 is available in 5' [1.5m] lengths, packed ten 5' [1.5m] lengths per carton. Also available in lengths precut to customer specifications. (Max. 5' [1.5m] length.)</p>	S4000C135	 <p>13.5" [343mm] PRECUT RACEWAY COVER – .040" [1.0mm] stainless steel. Snap-on cover for mounting 4 1/2" [114mm] device plates on 18" [457mm] centers.</p>
S4000C075	 <p>7.5" [191mm] PRECUT RACEWAY COVER – .040" [1.0mm] stainless steel. Snap-on cover for mounting 4 1/2" [114mm] device plates on 12" [305mm] centers.</p>	S4000C150	 <p>15" [381mm] PRECUT RACEWAY COVER – .040" [1.0mm] stainless steel. Snap-on cover for mounting 9" [229mm] device plates on 24" [610mm] centers.</p>
		S4000C195	 <p>19.5" [495mm] PRECUT RACEWAY COVER – .040" [1.0mm] stainless steel. Snap-on cover for mounting 4 1/2" [114mm] device plates on 24" [610mm] centers.</p>

S4000 SERIES RACEWAY ORDERING INFORMATION (continued)

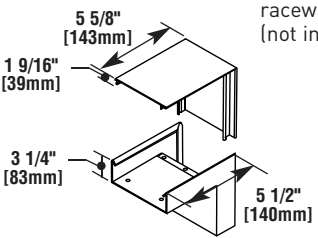
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
S4000C270	27" [686mm] PRECUT RACEWAY COVER - .040" [1.0mm] stainless steel. Snap-on cover for mounting 9" [229mm] device plates on 36" [915mm] centers.	S4010B2	BLANK END FITTING - Closes off open end of S4000 Base. Use when end feeds are required for an installation. Includes two 1/2" - 3/4" trade size KOs and two No. 10-32 ground terminals.
S4000C315	31.5" [800mm] PRECUT RACEWAY COVER - .040" [1.0mm] stainless steel. Snap-on cover for mounting 4 1/2" [114mm] device plates on 36" [915mm] centers.	S4010D	ENTRANCE END FITTING - Has concentric 1/2" and 3/4" trade size KOs on end, sides, and bottom for feeding S4000 Series Raceway. Use punch kit to increase KO size up to 1 1/4". Removable divider and two No. 10-32 ground terminals included.
S4000C390	39" [990mm] PRECUT RACEWAY COVER - .040" [1.0mm] stainless steel. Snap-on cover for mounting 9" [229mm] device plates on 48" [1220mm] centers.	S4011	FLAT ELBOW - Right angle turns on the same surface. No couplings required.
S4000C435	43.5" [1105mm] PRECUT RACEWAY COVER - .040" [1.0mm] stainless steel. Snap-on cover for mounting 4 1/2" [114mm] device plates on 48" [1220mm] centers.	S4014A	WALL BOX CONNECTOR - Base has two concentric 3/4", and 1/2" trade size KOs, two concentric 1 1/4" and 1" trade size KOs (undivided only), and two rectangular 2 9/16" x 1 11/16" [65mm x 43mm] KOs. Includes cover and two No. 10-32 ground terminals.
G4000D	DIVIDER - .040" [1.0mm] galvanized steel. Packed ten 5' [1.5m] lengths (50' [15.20m]) per carton. Painted buff on one side to provide compartment identification. G4001D Divider Clips (not included) are required to hold divider in place.	S4015	TEE - Divides S4000 Series Raceway at right angles. Only for use with undivided raceway. Use two pair of G4001 Couplings to attach to raceway (not included).
S6008A	C-HANGER - Suspends S4000, 4000 or 6000 Series Raceway from a structural ceiling. Designed for use with 3/8" [9.5mm] rod. Hangers should be installed no more than 5' [1.5m] apart along raceway run. Can be bolted back-to-back for dual runs of 3000, 4000 or 6000 Series Raceway.	S4015D	DIVIDED TEE - Divides S4000 Series Raceway at right angles. Only for use with divided raceway. Use two pair of G4001 Couplings to attach to raceway (not included).
S4010B0	BLANK END FITTING - Closes off open end of S4000 Base. Use when no end feeding is required. Includes two No. 10-32 ground terminals.	S4017	INTERNAL ELBOW - 90° internal corners. No couplings required.
S4010B1	BLANK END FITTING - Closes off open end of S4000 Base. Use when one end feed is required in an undivided installation. Includes one 1/2" - 3/4" trade size KO and two No. 10-32 ground terminals.		

S4000 SERIES RACEWAY ORDERING INFORMATION (continued)

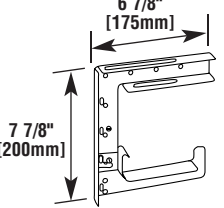
PART NO.	DESCRIPTION
G4017TCA	INTERNAL CORNER COUPLING – Creates internal corner while continuing original run in a straight line. Galvanized finish. Use with or without divider. Fiber bushing included. 4010B Blank End Fitting required for installation (not included).



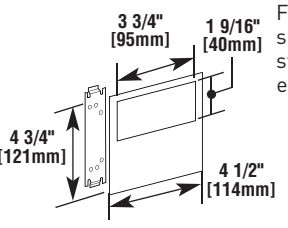
S4018	EXTERNAL ELBOW – 90° external corners. Connect to raceway with G4001 Couplings (not included).
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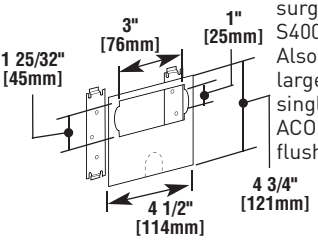
G6008A	C-HANGER (Galvanized) – Suspends S4000, 4000 or 6000 Series Raceway from a structural ceiling. Designed for use with 3/8\" [175mm]
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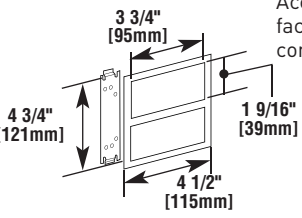
S4007C-1	ONE-GANG DEVICE PLATE – For horizontal mounting of standard single-gang devices. Accepts industry standard single-gang faceplates for electrical and communication devices.
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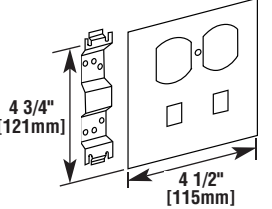
S4007C-1R	SINGLE DEVICE PLATE – For horizontal mounting of surge suppression receptacles in S4000 Divided or Undivided Raceway. Also accepts most manufacturers' GFCI, large twistlock, and rectangular faced single-gang wiring devices and two-port ACO. Use with commercially available flush plate (not furnished).
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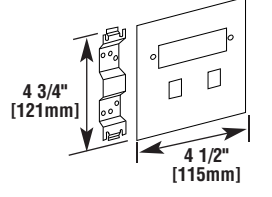
S4007C-2	TWO-GANG DEVICE PLATE – For horizontal mounting of two devices. Accepts industry standard double-gang faceplates for electrical and communication devices.
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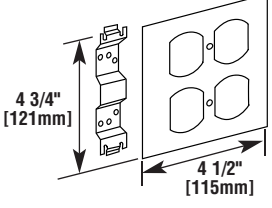
PART NO.	DESCRIPTION
S4046DRJ	COMBINATION DEVICE COVER – For installation of one duplex receptacle and two RJ11/45 type modular connectors. Complete with necessary bridges.



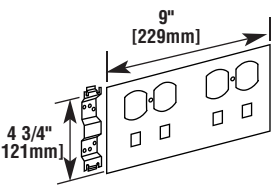
S4046RRJ	COMBINATION DEVICE COVER – For installation of one rectangular style device and two RJ11/45 type modular connectors. Complete with necessary bridges.
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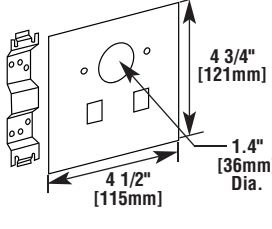
S4046B-2	DOUBLE DUPLEX DEVICE COVER – For installation of two duplex style receptacles. Complete with necessary bridges.
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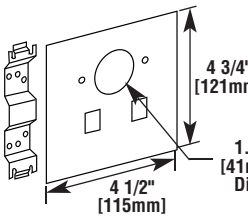
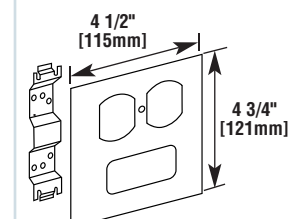
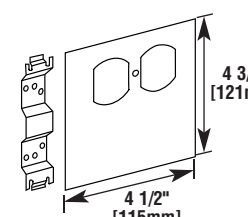
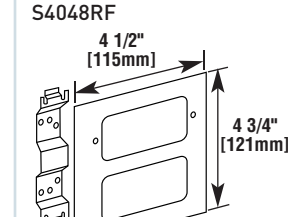
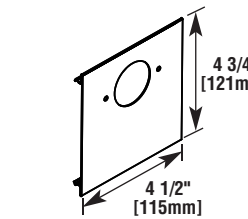
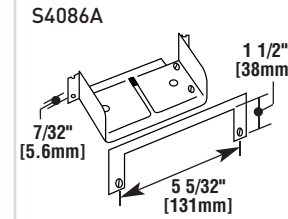
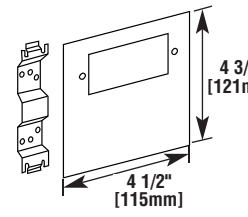
S4046DRJ-2	DOUBLE IN-LINE DEVICE COVER – For installation of two duplex style receptacles and four RJ11/45 type modular connectors. Complete with necessary bridges.
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S4046ARJ	COMBINATION DEVICE COVER – For installation of straight blade and single locking receptacles and two RJ11/45 type modular connectors. Complete with necessary bridges.
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S4000 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
<p>S4046JRJ</p> 	<p>COMBINATION DEVICE COVER – For installation of one twistlock receptacle and two RJ11/45 type telephone connectors. Complete with necessary bridges.</p>	<p>S4048BF</p> 	<p>DUPLEX RECEPTACLE COVER WITH MODULAR FURNITURE OPENING – For installing a duplex style device and one modular furniture adapter for communications.</p>
<p>S4048B</p> 	<p>DUPLEX RECEPTACLE DEVICE COVER – For installation of one duplex receptacle cover. Complete with necessary bridges.</p>	<p>S4048RF</p> 	<p>RECTANGULAR RECEPTACLE COVER WITH MODULAR FURNITURE OPENING – For installing a rectangular style device and a modular furniture adapter for communications.</p>
<p>S4048J</p> 	<p>TWISTLOCK RECEPTACLE DEVICE COVER – For installation of one twistlock receptacle.</p>	<p>S4086A</p> 	<p>PANEL CONNECTOR – To connect S4000 Series Raceway with surface type panel boxes. Accommodates maximum wire capacity of S4000 Series Raceway. Separate C-shaped flange fits around raceway, covering any irregularities from cutting into box. Cut 4 3/4" x 1 3/4" [121mm x 44mm] hole in panel box.</p>
<p>S4048R</p> 	<p>RECTANGULAR RECEPTACLE DEVICE COVER – For installation of one rectangular receptacle. Complete with necessary bridges.</p>		

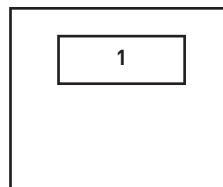
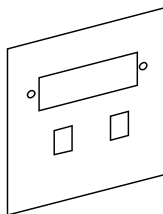
S4000 SERIES RACEWAY MADE-TO-ORDER STAINLESS STEEL DEVICE PLATES

To keep pace with changing power and communication technology, Wiremold offers a variety of openings available on a made-to-order basis. Choose from the assortment of openings shown below to design your own device plates. Consult the factory if a special opening is desired.

To make ordering easier, a catalog number suffix has been included beside the description. Please send a sketch with your order indicating the letter of the desired opening.

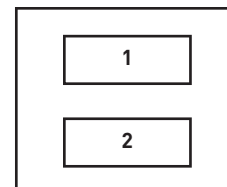
Cat. No. Suffix	Description of Device Opening	
D	Standard Duplex Receptacle	
R	Decorator Style Duplex Receptacle	
RJ	Two RJ11/45 Modular Connectors	
A	Single Receptacle [1.4" [35.6mm] Dia.]	
J	Single Receptacle [1.6" [40.6mm] Dia.]	
K	One 1/2-3/4" [12.7-19.1mm] KO with 1/2" [12.7mm] I.D. Grommet	
M	One IBM style connector	
MFB	One Modular Furniture Adapter	
2A	One 2A Mini Adapter	

Example: S4046RRJ 4 1/2" [115mm] Device Plates



Qty.

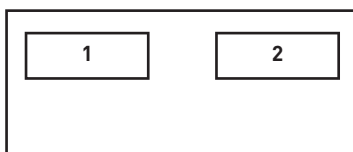
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___ S4048	___
___ S4048	___



Qty.

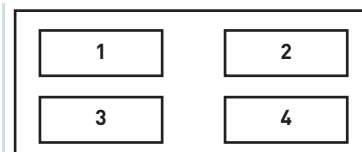
___ S4046	___
___ S4046	___
___ S4046	___
___ S4046	___

9" [229mm] Device Plates



Qty.

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___ S4048	___	___
___ S4048	___	___
___ S4048	___	___



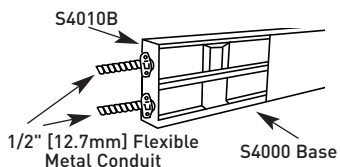
Qty.

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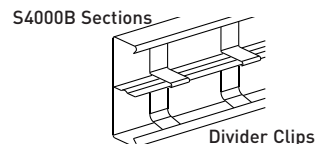
NOTE: Necessary device brackets are supplied with all device plates.

S4000 SERIES RACEWAY INSTALLATION DETAILS

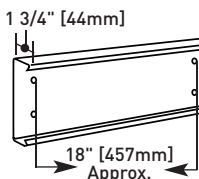
Determine method of feeding raceway: S4014A for back feed, S4010D, S4010B0, S4010B1 or S4010B2 for end feed.



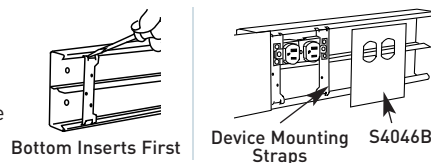
For divided installations, place divider into the strut on the 4001DA and snap into raceway. Clips must be used every 30" [762mm].



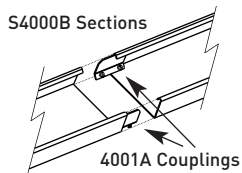
To mount S4000B Base to surface, remove mounting screw KOs (approx. 18" [457mm] centers along base) as required. Mount base with No. 8 flat head fasteners.



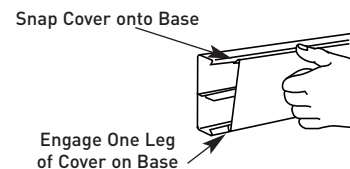
To install device covers, snap device straps into base as shown. Wire device and assemble to straps. Snap device plate over base and device.



To join lengths of S4000B, insert the pair of 4001A Couplings into one side of each base. Slide bases together and tighten locking screws.



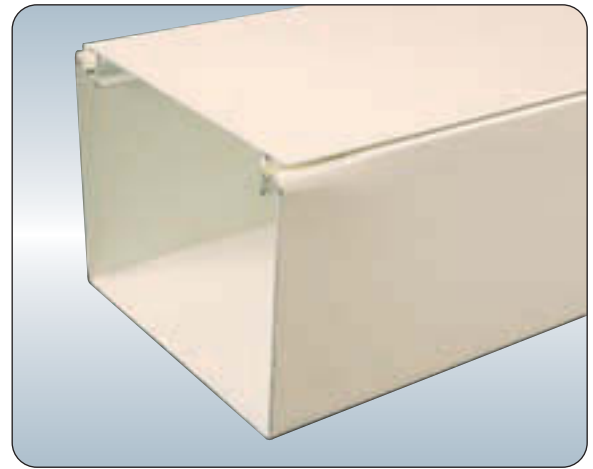
Cut S4000C Cover to fit between device plates. Snap in place as shown. Continue along entire run.



6000® SERIES RACEWAY

Single- & dual-channel raceway. 6000 Series Raceway is ideal for all applications requiring high cable capacity.

- 6000® Series Raceways UL Code Reference..... 67
- 6000® Series Raceways Color Options 67
- 6000® Series Raceways System Layout 67
- 6000® Series Raceway Wire Fill Capacity Charts 68
- 6000® Series Raceway Ordering Information 68
- 6000® Series Interconnectivity Fittings Chart 70
- 6000® Series Installation Details 70



6000 Series Raceway Base and Cover.

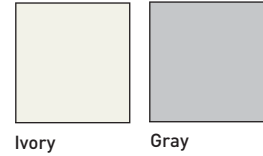
6000 Series Raceway now compatible with A/V devices.

CODE REFERENCE
cULus Listed Raceway:
 File E4376 Guide RJBT.
Fittings:
 File E41751 Guide RJPR.
Base & Blank Cover:
 Meets Article 386 of NEC.
 Meets Section 12-600 of CEC.

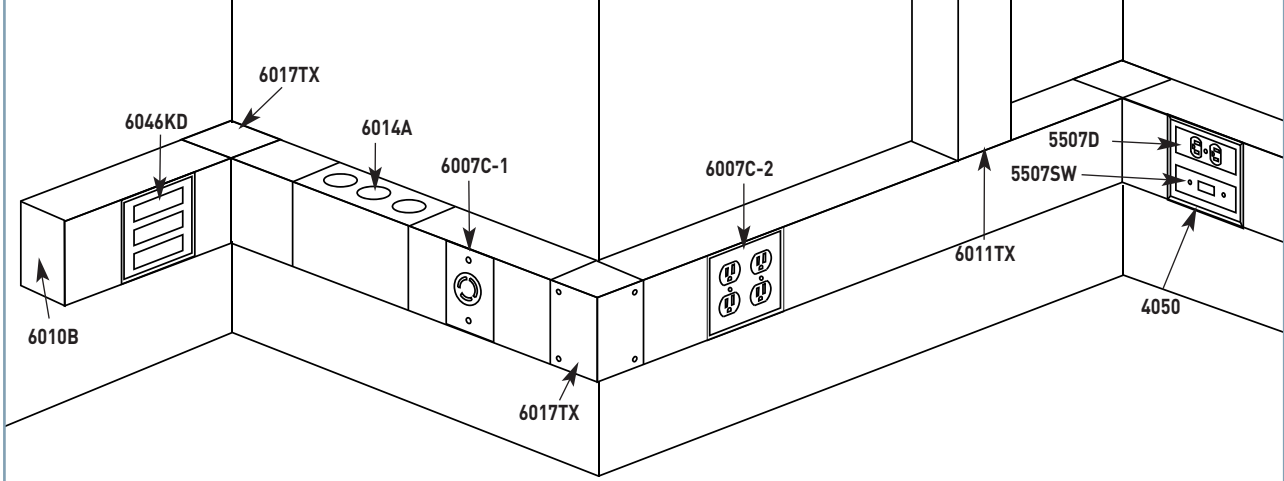
6000 SERIES RACEWAY COLOR OPTIONS

6000® Series Raceway Part Numbers with a "V" prefix have an ivory finish. Part Numbers with a "G" prefix have a gray finish.

Custom color options are also available. Consult the factory for more information.



6000 SERIES RACEWAY SYSTEM LAYOUT



NOTE: Illustration is for showing product applications only.

KEY			
4050	Device Mounting Plate – Inserts included	6011TX	Combination Flat Elbow
5507D	Duplex Receptacle Faceplate	6014A	Connector Fitting
5507SW	Switch Faceplate	6017TX	Combination Internal-External Elbow
6007C-1	Single-Gang Device Plate	6017TX	Inverted to External Elbow
6007C-2	Two-Gang Device Plate	6046KD	Circuit Breaker Housing
6010B	Blank End Fitting		

6000 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.) Inches [mm]	DIVIDED 40% FILL	UNDIVIDED 40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190 [4.8]	101	225
	4-pair, 24 AWG, Cat 5e	0.210 [5.3]	83	184
	4-pair, 24 AWG, Cat 6	0.250 [6.3]	58	130
	4-pair, 24 AWG, Cat 6a*	0.354 [9.0]	29	65
	25-pair, 24 AWG	0.410 [10.4]	21	48
COAXIAL	RG6/U	0.270 [6.9]	50	111
FIBER	ZipCord	0.118 x 0.236 [3 x 6]	103	230
	Round 4 Strand Fiber	0.187 [4.8]	104	233
	Round 6 Strand Fiber	0.256 [6.5]	55	124

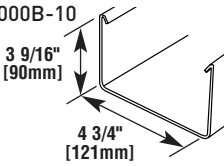
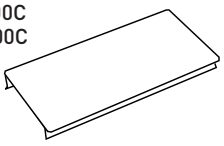
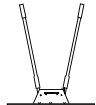
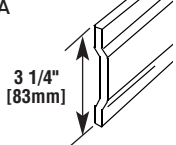

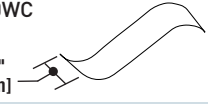
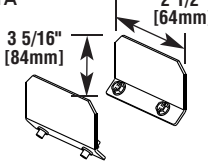
NOTE: For additional information, refer to the Technical Section.

* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

6000 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D. Inches [mm]		NUMBER OF CONDUCTORS (40% FILL)							
			WITHOUT DEVICES		WITH DUPLEX RECT. DEVICES 1.59in. ² [1025mm ²]		WITH SURGE/ GFCI DEVICES 2.30in. ² [1485mm ²]		LARGE SINGLE RECEPTACLES 3.00in. ² [1935mm ²]	
			Undiv.	Divided	Undiv.	Divided	Undiv.	Divided	Undiv.	Divided
14 AWG	0.111	[2.8]	659	296	528	231	470	202	412	173
12 AWG	0.130	[3.3]	481	216	395	168	342	147	300	126
10 AWG	0.164	[4.2]	303	136	243	106	216	92	189	79
8 AWG	0.216	[5.5]	174	78	140	61	124	53	109	45
6 AWG	0.254	[6.5]	126	56	101	44	89	38	78	33
4 AWG	0.324	[8.2]	77	34	0	0	0	0	0	0
3 AWG	0.352	[8.9]	65	29	0	0	0	0	0	0
2 AWG	0.384	[9.8]	55	24	0	0	0	0	0	0
1 AWG	0.446	[11.3]	40	18	0	0	0	0	0	0
1/0 AWG	0.496	[12.3]	34	15	0	0	0	0	0	0
2/0 AWG	0.532	[13.5]	28	12	0	0	0	0	0	0

6000 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
V6000B-5 V6000B-10 G6000B-5 G6000B-10	<p>RACEWAY BASE – .054" [1.4mm] galvanized steel. Base has two 9/32" dia. trade size KOs, 1 1/4" [32mm] from each end and on centers of approximately 18" [457mm] throughout. Packed 20' [6.1m] per carton. 6000B-5 packed four 5' [1.5m] lengths; 6000B-10 packed two 10' [3m] lengths.</p> 	660BDK	<p>REPLACEMENT BLADE KIT – Replacement blades and die set for 630B Cutter.</p>
V6000C G6000C	<p>RACEWAY COVER – .040" [1.0mm] galvanized steel. Packed four 5' [1.5m] lengths per carton. 4000 Series Raceway Cover is compatible with 6000 Series Raceway Base.</p> 	640C	<p>RACEWAY COVER CUTTER – Portable cutter for 4000 and 6000 Series Raceway Cover. Provides clean and easy square cuts.</p> 
G6000DA	<p>RACEWAY DIVIDER – .040" [1.0mm] galvanized steel. One side painted buff primer to provide identification of compartments. Packed four 5' [1.5m] lengths per carton.</p> 	640CDK	<p>REPLACEMENT BLADE KIT – Replacement blades and die set for 640C Cutter.</p>
660B	<p>RACEWAY BASE CUTTER – Portable cutter for 6000 Series Raceway Base. Provides clean and easy square cuts.</p> 	G6000WC	<p>WIRE CLIP (Galvanized) – For holding conductors in place.</p> 
		6001A	<p>COUPLING (Galvanized) – For joining lengths of 6000B.</p> 



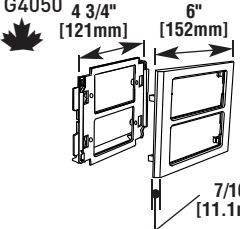
6000 SERIES RACEWAY ORDERING INFORMATION (continued)

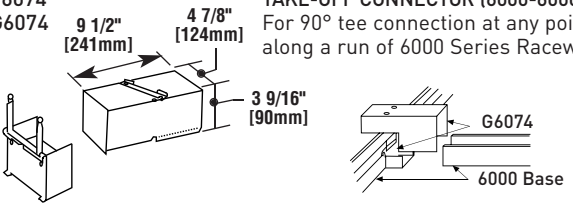
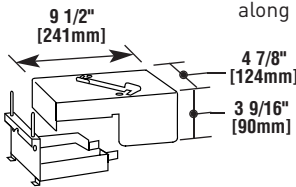
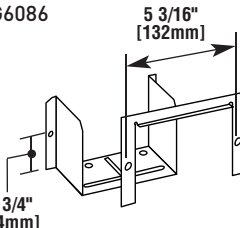
PART NO.	DESCRIPTION
G6001DA 3" [76mm] 2 3/8" [60mm] 2 7/8" [73mm]	DIVIDER CLIP – Use for holding G6000DA Divider in place to divide raceway into 1/3, 1/2, or 2/3 compartments. NOTE: 6000 Series Raceway divided into 1/3 compartments will not accept devices.
G6001TX 3" [76mm]	CONVERTER COUPLING – Use this coupling to convert G6011TX or G6017TX into a tee or cross. For tee, one required; for cross, two required.
V6006 G6006	CONNECTION COVER – Use where two sections of 4000C or 6000C Cover, not squarely cut, come together.
1 3/4" [44mm] 1" [25mm]	
V6007C-1 G6007C-1	SINGLE-GANG DEVICE PLATE – For vertical mounting of single-gang devices. Use with industry standard faceplates for electrical and communication devices. Can also be used with 4000B Base.
2 1/2" [64mm] 2 7/8" [73mm] 1 7/8" [48mm]	
V6007C-2 G6007C-2	TWO-GANG DEVICE PLATE – For installation of two-gang devices or two vertically mounted single-gang devices on undivided raceway. Use with industry standard double-gang faceplates for electrical and communication devices. Can also be used with 4000B Base.
3 7/8" [98mm] 2 7/8" [73mm] 4 5/16" [110mm]	
G6008A	C-HANGER (Galvanized) – For suspending 6000 or 4000 Series Raceway from structural ceiling. Designed for use with 3/8" [9.5mm] rod. Hangers should be installed no more than 5' [1.5m] apart along raceway run. Can be bolted back-to-back for dual runs of 4000, 6000 or 3008C or for combined runs with 3000 Series Raceway.
6 7/8" [175mm] 7 7/8" [200mm]	
V6010B G6010B	BLANK END FITTING – For closing open end of 6000 Series Raceway.
1 1/2" [38mm] 3 1/2" [89mm] 4 3/4" [121mm]	


PART NO.	DESCRIPTION						
V6011TX G6011TX	COMBINATION FLAT ELBOW – For use as a flat elbow. Can also be used as a tee or cross (one G6001TX required for tee; two for cross; not included). Shown 6011TX with 6001TX to make tee.						
4 3/4" [121mm]							
V6012TX G6012TX	INTERNAL OR EXTERNAL ELBOW – For making internal or external 45° turns in a run of 6000 Series Raceway. Can also be assembled as an inverted 45° elbow.						
4 1/4" [108mm] 2 1/2" [64mm]							
V6014A G6014A	CONNECTOR FITTING – Has 1 1/4", 1 1/2" and 2" trade size KO's in back and on each side.						
12" [305mm]							
V6017TX G6017TX	COMBINATION INTERNAL/EXTERNAL ELBOW – For use as internal or external elbow, straight-through fitting, tee, or cross (one G6001TX required for tee or straight through fitting; two for cross; not included).						
3 1/2" [89mm]							
V6046KD G6046KD	CIRCUIT BREAKER HOUSING – KO's in cover can be removed for installation of three single-pole breakers. For use with the following breakers rated 100A maximum.						
2 3/8" [60mm] 4 9/16" [116mm]							
<table border="1"> <thead> <tr> <th>MANUFACTURER</th> <th>SERIES</th> </tr> </thead> <tbody> <tr> <td>General Electric</td> <td>THQC, THHC</td> </tr> <tr> <td>Westinghouse</td> <td>Quicklag, C, QCH</td> </tr> </tbody> </table>		MANUFACTURER	SERIES	General Electric	THQC, THHC	Westinghouse	Quicklag, C, QCH
MANUFACTURER	SERIES						
General Electric	THQC, THHC						
Westinghouse	Quicklag, C, QCH						
V4047UX G4047UX	BUMP-UP DEVICE PLATE – Accepts four Extron® Electronics MAAP single space modules.						
7 5/16" [185mm] 4 3/16" [122mm] 1 13/32" [36mm]							
V4047VX G4047VX	BUMP-UP EXTRON® AAP DEVICE PLATE – Accepts two Extron® Electronics AAP single space modules.						
7 5/16" [185mm] 4 3/16" [122mm] 1 13/32" [36mm]							

Parts identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products, change the "V" color prefix to "CV" or the "G" color prefix to "CG" to denote the Canadian versions.

6000 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
IWE-S GWE-S	 SPRAY PAINT – Used for touching up large areas. Contains 12 oz. of paint. NOTE: Can only be shipped via ground transportation.
IWE-P GWE-P	 TOUCH-UP PAINT PEN – Used for touching up small areas. Contains 0.3 oz. of paint.
V4050 G4050	 DEVICE MOUNTING BRACKET – High impact plastic mounting bracket and trim plate. Trim plate overlaps raceway cover providing a seamless transition between cover fittings. Utilizes 5507 Faceplates, as well as Wiremold Open System communication modules, Ortronics® TracJack and Series II inserts, and Pass & Seymour® Activate inserts. For faceplate options, see 5507 Series Faceplates. NOTE: When ordering to use with 6000 Series Raceway in Canada specify CV6050 (ivory) or CG6050 (gray) as the grounding bracket provided is larger than the one provided when using with 4000 Series Raceway. CM-EPLA End Plates are required when using Wiremold CM2 communication modules and Pass & Seymour® Activate inserts. S2-EPL End Plates are required when using Ortronics® Series II inserts. To mount TracJack modules, use 55074TJ or 55076TJ Faceplates.

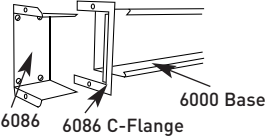
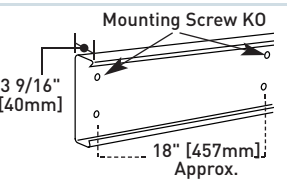
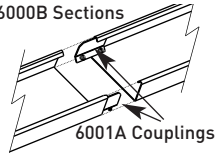
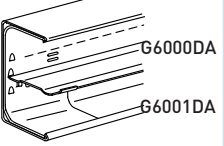
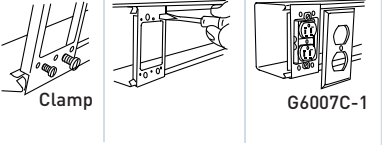
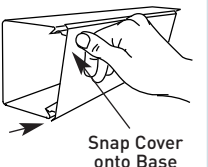
PART NO.	DESCRIPTION
V6074 G6074	 TAKE-OFF CONNECTOR (6000-6000) – For 90° tee connection at any point along a run of 6000 Series Raceway.
V6074A G6074A	 TAKE-OFF CONNECTOR (6000-4000) – For 90° tee connection at any point along a run of 6000 Series Raceway.
V6086 G6086	 PANEL CONNECTOR FITTING – For connecting 6000 Series Raceway with surface type panel boxes. Accommodates maximum wire capacity of 6000 system. Separate C-flange fits around raceway, covering any irregularities made when cutting into box. Cut 4 3/4" x 3 9/16" [121mm x 90mm] hole in panel box.

 Parts identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products, change the "V" color prefix to "CV" or the "G" color prefix to "CG" to denote the Canadian versions.

6000 SERIES INTERCONNECTIVITY FITTINGS

FROM	CONNECTION REQUIRED	TO	USE CATALOG NUMBER
6000 Series Raceway		4000 (Tee Connection)	G6074A
6000 Series Raceway		6000 (Tee Connection)	G6074
1/2", 3/4", 1" or 1 1/4" trade size Conduit or Armored Cable		Cover of 6000	G4046H-2
1 1/4", 1 1/2", or 2" trade size Conduit or Armored Cable		Back and/or Side of 6000	G6014A

6000 SERIES RACEWAY INSTALLATION DETAILS

- Determine method of feeding raceway: 6014A for backfeed, 6086 (shown) for panel feed.
 
- To mount 6000 Base to surface: Remove mounting screw KOs (approx. 18" [457mm] O.C. along base) as required. Mount base with No. 8 flathead fasteners.
 
- To join lengths of 6000B, insert the pair of 6001A Couplings into one side of each base. Slide bases together and tighten locking screws.
 
- For divided installations: Install G6001DA Divider Clips at 30" [762mm] intervals. Snap G6000DA Divider into place.
 
- To install G6007C-1 or G6007C-2 Device Plates: Snap into base and tighten clamps as shown. Wire device and assemble to bracket. Install flush plate (not furnished).
 
- Cut 6000C Cover to fit between device brackets. Snap in place as shown. Continue along entire run.
 

ANYSIZE™ SERIES RACEWAY

AnySize™ Raceway is the ideal solution for applications that require a specific size raceway. Available in a variety of compartment sizes and finishes.

- AnySize™ Series Raceways Base Specifier 71
- AnySize™ Series Raceways UL Code Reference 71
- AnySize™ Series Raceway Wire Fill Capacity Charts 72
- AnySize™ Series Raceway Ordering Information 72
- AnySize™ Series Raceway Faceplate Configurator 75
- AnySize™ Series Raceway Installation Details 76

CODE REFERENCE

cULus Listed Raceway:
File E4376 Guide RJBT.

Fittings:
File E41751 Guide RJPR.
Meets Article 386 of NEC.
Meets Section 12-600 to 12-614 of CEC.

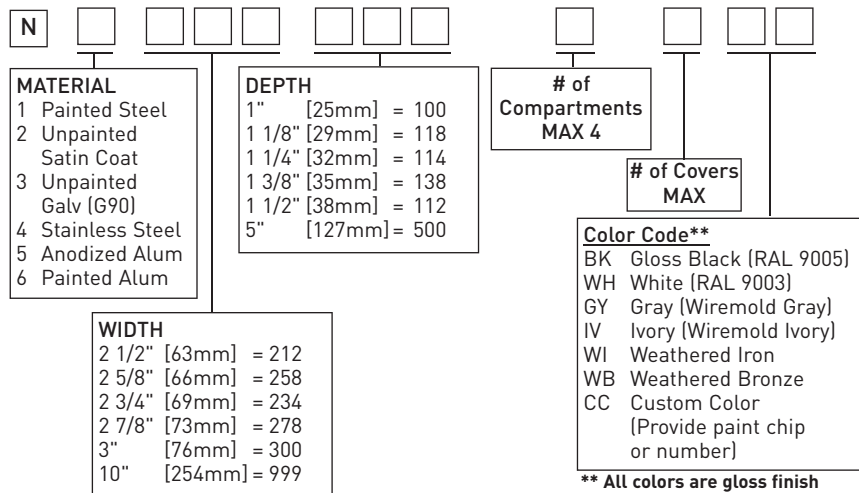


AnySize Raceway installed in an art gallery.

ANYSIZE RACEWAY BASE SPECIFIER

Where special lengths are required, provide a detailed bill of material, indicating the various quantities, lengths and type of covers. Raceway must have a width greater than its depth.

AnySize Base



EXAMPLE 1: N1 834 212 3 2 WI

This is a 8 3/4" [222mm] wide by 2 1/2" [63mm] deep raceway, with three compartments and two covers, painted "Weathered Iron."



EXAMPLE 2: N1 612 300 2 2 IV

This is a 6 1/2" [165mm] wide by 3" [76mm] deep raceway, with two compartments and two covers, painted ivory.



COVER

- NE1C = Standard Cover
- NE1CW = Cover for use when wire clips are used. Wire clips are spaced 30" [762mm] on center only.
- NE1CT* = Tamper-Resistant Cover
- NE1CTW* = Tamper-Resistant Cover for use when wire clips are used. Wire clips are spaced 30" [76mm] on center only.

*Supplied with one tamper-resistant bracket.

ANYSIZE RACEWAY WIRE FILL CAPACITIES PER SQUARE INCH FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.) Inches [mm]	40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190 [4.8]	14.11
	4-pair, 24 AWG, Cat 5e	0.210 [5.3]	11.55
	4-pair, 24 AWG, Cat 6	0.250 [6.3]	8.15
	4-pair, 24 AWG, Cat 6a*	0.354 [9.0]	4.06
	25-pair, 24 AWG	0.410 [10.4]	3.03
COAXIAL	RG6/U	0.270 [6.9]	6.98
FIBER	ZipCord	0.118 x 0.236 [3 x 6]	14.38
	Round 4 Strand Fiber	0.187 [4.8]	14.57
	Round 6 Strand Fiber	0.256 [6.5]	7.77

NOTE: For additional information, refer to the Technical Section.
* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

ANYSIZE RACEWAY WIRE FILL CAPACITIES PER SQUARE INCH FOR POWER

WIRE SIZE THHN/THWN	Inches	O.D. [mm]	40% FILL
14 AWG	0.111	[2.8]	41.24
12 AWG	0.130	[3.3]	30.08
10 AWG	0.164	[4.2]	18.96
8 AWG	0.216	[5.5]	10.93
6 AWG	0.254	[6.5]	7.89

NOTE: Values are per square inch of inside area. See above to determine useful area of compartment. Capacity range is calculated at 20% to 40% of raceway area as stated in a proposed revision to the Commercial Building Standard for Telecommunications Pathways & Spaces, TIA/EIA-569.

Wire Fill Calculation: "Depth" and "Width" refer to the measurements of the compartment with the cover on and are measured from the outside of the material. All measurements are in inches. Due to loading issues, use maximum wire fill of 4" [102mm] deep raceway for all raceways greater than 4" [102mm] deep.

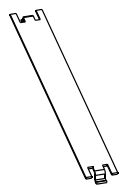
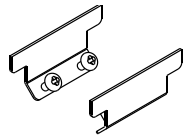
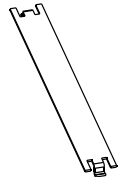
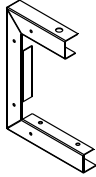
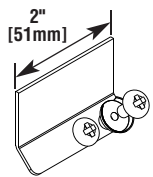
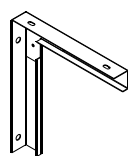
- Determine useable area of compartment.
Useable area in square inches with no devices = [Width x (Depth - 0.2)] - 0.6
Useable area in square inches with standard 15A/20A devices = [Width x (Depth - 0.7)] - 0.3
- Determine wire fill for compartment.
Multiply the compartment area (from Step 1) by the number of wires per square inch, from the chart above Wire Fill = Area (sq. in.) x No. Wires per sq. in. (Chart above)
- Reduce fill by 20% if 2" [51mm] radiused fittings are not being used.
Wire Fill for standard fittings = .8 x wire fill from Step 2
- Calculate fill for multi-compartment tees.
a) Standard Tee Wire Fill = (Wire fill from Step 2 or 3) / 2
Standard Full Capacity Tee Wire Fill = (Wire fill from Step 2 or 3) x 0.75
b) Radiused 2" Tee Wire Fill = (Wire fill from Step 2 or 3) / (No. of compartments) Radiused 2" Full Capacity Tee Wire Fill = 1.5 x (Wire fill from Step 2 or 3) / (No. of compartments)

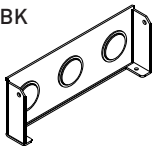
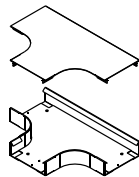
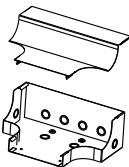
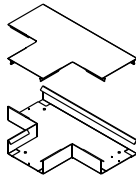
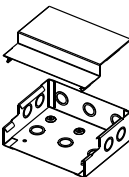
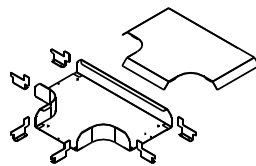
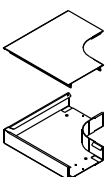
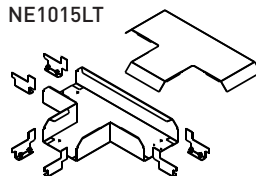
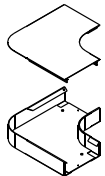
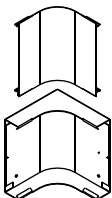
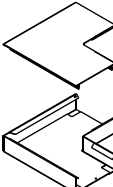
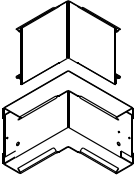
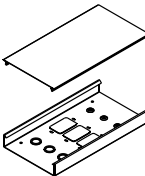
Sample Wire Fill Calculation: Determine the number of Cat. 6 cables that will fit in a 2" [51mm] deep by 2.75" [70mm] wide compartment for 40% fill. Fittings in the system have a 2" [51mm] radius.

1 Useful area = 2.75 x (2.0 - 0.2) - 0.6 = 4.35 in²
2 Wire Fill = 4.35 in² x 8.15 cables / in² (from chart) = 35 Cat. 6 cables

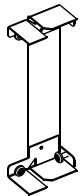
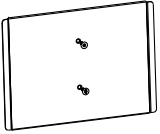
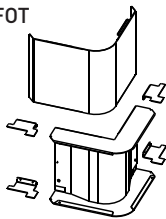
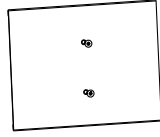
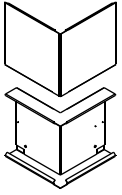
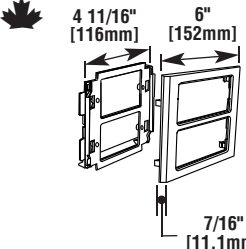

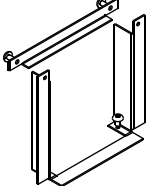
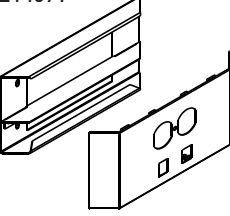
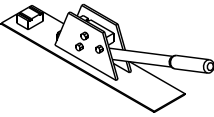
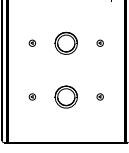
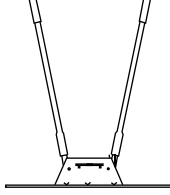
All Wiremold electrical products, unless specifically noted, are listed by Underwriters Laboratories Inc. and conform to U.S. Federal Specification W-C-582. They comply with the National Electrical Code. Products designed primarily for use in telephone or communications wiring and tools normally do not require UL or cUL Listing. Most products are cUL Listed in compliance with the Canadian Electrical Code. All products must be installed in a manner consistent with applicable electrical codes. Wiremold Surface Raceway is UL and cUL Listed by Underwriters Laboratories Inc. (File #E4376 [Raceway] & #E41751 [Fittings]). This product is in compliance with the National Electrical Code and the Canadian Electrical Code.


ANYSIZE RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
NE1000TB	 TAMPER-RESISTANT RETAINING BRACKET – For retaining cover in enhanced tamper-resistant systems. Order additional brackets if field cutting cover for enhanced tamper-resistant system.	NE1001	 COUPLING – For joining lengths of AnySize Raceway. (Unpainted galvanized steel).
NE1000WC	 WIRE CLIP – For holding conductors in place.	NE1008A	 C-HANGER – For supporting raceway from structural ceiling. Designed for use with 3/8" [9.5mm] threaded rod. Hangers should be installed no more than 5' [1.5m] apart along raceway run.
NE1000GC	 GROUND CLAMP – For connection of equipment grounding conductor to provide additional ground to raceway.	NE1008AW	 WALL BRACKET HANGER – For supporting raceway from structural wall. Use hardware capable of supporting loaded raceway. Hangers should be installed no more than 5' [1.5m] apart along raceway run.

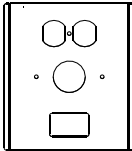
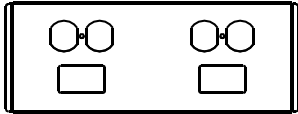
ANYSIZE RACEWAY ORDERING INFORMATION (continued)		PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
NE1010B NE1010BK		BLANK END FITTING – For closing open end of AnySize Base. NE1010BK has knockouts available for connection to adjacent wiring systems. Size and quantity of knockouts to be specified by end user.	NE1015FO NE1015FOT		RADIUSED FULL CAPACITY TEE – Provides a 2" [51mm] cable bend radius for new lay-in or pull-through installations. Dual cover version not available. Single cover can be used in all applications. Capacity is reduced in multi-compartment applications. NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.
NE1010DFO NE1010DFOT		RADIUSED LARGE CAPACITY ENTRANCE END FITTING – Has concentric conduit trade size KO's on sides, end and bottom for feeding raceway. Useful where large conduits feed the raceway. Size of knockouts to be specified by end user. NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.	NE1015 NE1015T		TEE – For branches at right angles. Dual cover version not available. Single cover can be used in all applications. Capacity is reduced in multi-compartment applications. NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.
NE1010D NE1010DT		ENTRANCE END FITTING – Has concentric conduit trade size KO's on sides, ends and bottom for feeding raceway. Size of knockouts to be specified by end user. NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.	NE1015LFO NE1015LFOT		RADIUSED LARGE CAPACITY TEE – Provides a 2" [51mm] cable bend radius new lay-in or pull-through installations. Deeper fitting provides 50% more fill than the standard tee fitting. Useful for multi-compartment installations. Supplied with special couplings. Dual cover version not available. Single cover can be used in all applications. NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.
NE1011FO NE1011FOT		RADIUSED FULL CAPACITY FLAT ELBOW – Used in divided and undivided applications to provide a 2" [51mm] cable bend radius for new lay-in or pull-through installations. NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.	NE1015L NE1015LT		LARGE CAPACITY TEE – For branches at right angles. Deeper fitting provides 50% more fill than the standard tee fitting. Useful for multi-compartment installations. Supplied with special couplings. Dual cover version not available. Single cover can be used in all applications. NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.
NE1011RFO NE1011RFOT		RADIUSED FULL CAPACITY FLAT ELBOW – Same as NE1011FO but outside corner is curved to a 2" [51mm] radius. NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.	NE1017FO NE1017FOT		RADIUSED FULL CAPACITY INTERNAL ELBOW – Provides a 2" [51mm] cable bend radius for new lay-in or pull-through installations. NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.
NE1011 NE1011T		FLAT ELBOW – For right angle turns on the same surface. NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.	NE1017 NE1017T		INTERNAL ELBOW – For 90° internal corners. NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.
NE1014 NE1014T		WALL BOX CONNECTOR – Base is provided with ground terminal for 10-32 screw and user specified conduit knockouts and/or wall box rectangular knockouts [2 9/16" x 1 11/16" [65mm x 43mm]]. NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.			

ANYSIZE RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
NE1017P NE1017PT	<p>COMPACT INTERNAL ELBOW – For 90° internal corners. Compact size is useful when going around columns.</p> <p>NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.</p> 	NE1046AP	<p>TAMPER-RESISTANT ACCESS PLATE – Required on an entrance point to allow cover removal on tamper-resistant systems. One plate is required on every run between opposing walls. Provides 1/4" [6.4mm] overlap flange for improved aesthetics at cover edge. Supplied with appropriate brackets.</p> 
NE1018FO NE1018FOT	<p>RADIUSED FULL CAPACITY EXTERNAL ELBOW – A full capacity 90° external elbow to provide a 2" [51mm] cable bend radius for new lay-in or pull-through installations. Supplied with special couplings.</p> <p>NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.</p> 	NE1046APN	<p>TAMPER-RESISTANT ACCESS PLATE – Required on an entrance point to allow cover removal on tamper-resistant systems. One plate is required on every run between opposing walls. NE1046APN does not have a flange to overlap adjacent covers. Use for access at end of run.</p> 
NE1018 NE1018T	<p>EXTERNAL ELBOW – For 90° external corners.</p> <p>NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.</p> 	V4050 G4050	<p>DEVICE MOUNTING BRACKET – High impact plastic mounting bracket and trim plate which overlap raceway cover providing a seamless transition between cover fittings. For use with: 5507 Series™ Faceplates, Ortronics® TracJack and Series II modules, Pass & Seymour® Activate Series inserts, and Wiremold Open System communication modules.</p> <p>NOTE: For use only with 4 3/4" [121mm] wide raceway.</p> 
NE1047 NE1047WC NE1047T NE1047WCT	<p>DEVICE COVER – Variable length from 6" to 60" [152mm to 1.5m] long. Specify cutout type and location. Eliminates frequent seams when devices are located close together along the raceway. Supplied with appropriate brackets.</p> <p>NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.</p> 	NE1086A	<p>PANEL CONNECTOR – To connect AnySize Raceway with surface type panel boxes. Accommodates maximum wire capacity of AnySize system used. Separate C-shaped flange fits around raceway, covering any irregularities made when cutting into box.</p> 
NE1407 NE1407T	<p>DEEP DEVICE PLATE – Used to minimize or eliminate fill reduction at activations. Mounts on top of raceway and helps maintain recommended bend radii at activation. Specify depth required between 5/8" [15.9mm] and 3" [76mm]. Supplied with appropriate brackets.</p> <p>NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.</p> 	NE610	<p>TAMPER-RESISTANT NOTCH TOOL – Required to create tamper-resistant notches in raceway covers that are field cut during installation.</p> 
NE1046H NE1046HT	<p>CUSTOM TAP-OFF FITTING – Provided with user-specified trade size KOs. Supplied with appropriate brackets.</p> <p>NOTE: "T" at the end of part number indicates it is for use in an enhanced tamper-resistant system.</p> 	NE610C	<p>RACEWAY COVER CUTTER – Portable Cutter for AnySize Raceway Covers for clean and easy square cuts every time.</p> 


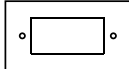
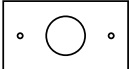
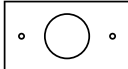
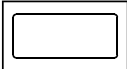
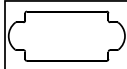

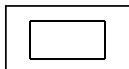
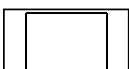
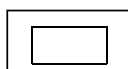
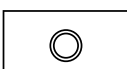
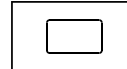
 Parts identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products, change the "V" color prefix to "CV" or the "G" color prefix to "CG" to denote the Canadian versions.

ANYSIZE RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
NE1046 NE1046T	 <p>6' [152mm] DEVICE PLATE - Provides 1/4" [6mm] overlap flange for improved aesthetics at cover edge. Supplied with appropriate brackets. NOTE: For use only with 4 3/4" [121mm] wide raceway.</p> <p>Three Compartment Plate Shown.</p>	NE1046-2 NE1046-2T	 <p>12" [305mm] DEVICE PLATE - Allows high density activations. Provides 1/4" [6.4mm] overlap flange for improved aesthetics at cover edge. Supplied with appropriate brackets. NOTE: For use only with 4 3/4" [121mm] wide raceway.</p> <p>Two Compartment Plate Shown.</p>

ANYSIZE RACEWAY DEVICE PLATE CONFIGURATOR

The following represent various cutouts available for AnySize Raceway. The corresponding letter designations used to create the device plate part number are also shown.

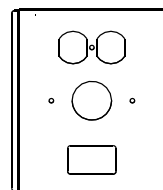
 Standard Duplex (D)	 Decorator Duplex (R)	 1.4" [35.5mm] Dia. Single (A)	 1.6" [40.6mm] Dia. Single (J)	 4007C-1 Cutout * (C1)	 4007C-1R Cutout * (C1R)
 2 RJ11/45 (RJ)	 AMP Flex/single ACO (F)	 Accommodates: Wiremold Open System communications, Ortronics TracJack & Series II (LV6)	 Accommodates: Wiremold Open System communications (MFB)	 1/2" - 3/4" [12.7mm - 19.1mm] KO & Grommet (K)	 Accommodates: Wiremold Open System communications, Ortronics TracJack & Series II (LV2)

* These openings also require the use of commercially available faceplates.

DEVICE PLATE DESIGN AND PART NUMBERS

<input type="text" value="1"/>	To specify type of device plate, and cutout locations: 1) Specify device plate type above.
<input type="text" value="2"/>	2) Add the suffix(es) (in parentheses above) that corresponds to the cutout type required, beginning from the top compartment. For 12" [305mm] device plates, indicate if the second column of cutouts is the same as the first. If it is not, please send sketch. For NE1047 Covers sketch to indicate quantity and spacing of devices. For other special cutouts, contact factory.
<input type="text" value="3"/>	
<input type="text" value="4"/>	

Sample Plate: NE1046DJLV2

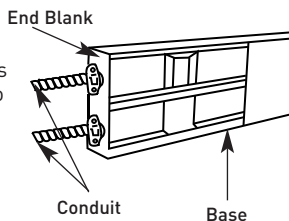


Sample Part Number:	<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	2nd. col. (yes/no or N/A)
Prefix	<u>D</u>	<u>J</u>	<u>LV2</u>	<u> </u>	<u>N/A</u>
NE1046					

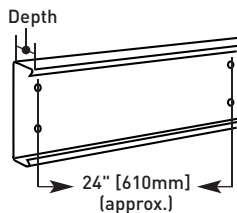
ANYSIZE RACEWAY INSTALLATION DETAILS

See the typical basic system (illustrated below) for installation details. In general, the following procedure for installing AnySize Raceway is recommended.

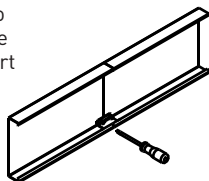
- Starting at feed connection, install base sections over entire run. Butt ends of sections and install couplings as shown below. Cut base sections to length as required for connection of bases of fittings. Determine the method of feeding raceway: raceway base or wall box connector for back feed, end blanks (shown), entrance end fittings, or panel connector for end feed.



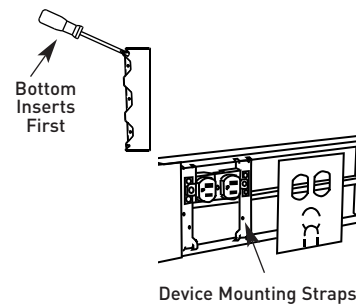
- To mount base to surface: Remove mounting knockouts as required. Mount base with No. 8 flathead fasteners.



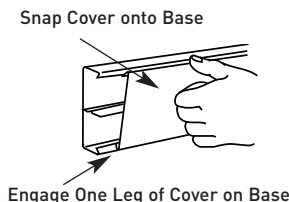
- Install wiring in base and wire devices. To couple lengths of base or fittings, butt the adjacent base sections together and insert one coupling centered over the splice. Tighten the set screws. Repeat the process on the other side of the base.



- Assemble devices and device covers in base. To install device plates, snap device straps in base as shown. Wire device and assemble to straps. Snap device plate over base and device. For deep device plates or offset device plates fasten to raceway base by screwing into device brackets in raceway base.

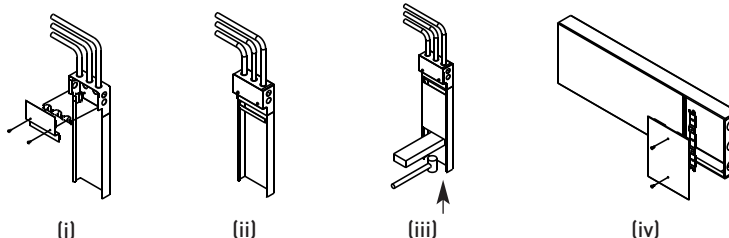


- Cut cover sections to length as necessary and snap onto base. It is recommended that covers overlap base joint. Use pre-cut cover, or cut cover to fit between device plates. Snap in place as shown. Continue along entire run.

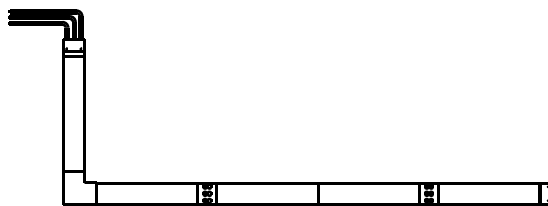
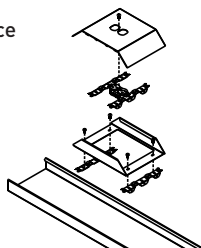


ANYSIZE RACEWAY – TYPICAL TAMPER-RESISTANT INSTALLATION

- Complete instructions 1 to 3.
- Add covers progressively from access point to other end, utilizing instructions 4 and 5 as needed. See Illustrations below.
- Repeat (ii) and (iii) as required.
- Any cut covers will require replacement of the tamper-resistant notch using NE610 tool.
- Tighten all screws securely.



NE1407 Deep Device Plate Installation



OVERFLOOR RACEWAY SYSTEMS

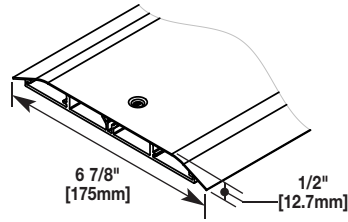
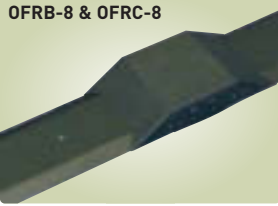
Wiremold® Overfloor Raceway Systems provide unique solutions to solve specific installation issues when access to floors and ceilings is not an option for installers, building owners, and designers.

QUICK SELECTION GUIDE	78
Multiple-Channel Overfloor Raceway Systems	
OFR Series Overfloor Raceway System	79
Steel Pancake Overfloor Raceway Systems	
1500 Series™ Raceway	82
2600 Series™ Raceway	85
Nonmetallic Pancake Overfloor Raceway Systems	
1200/1400/1600 Series™ Raceways	87



MULTIPLE-CHANNEL OVERFLOOR RACEWAY SYSTEM

OFR SERIES OVERFLOOR RACEWAY



DEVICE BOXES

OFR48-4



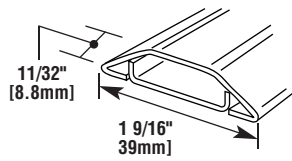
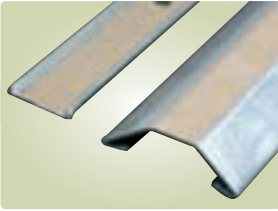
TRANSITION FITTINGS

OFR89-DS4000

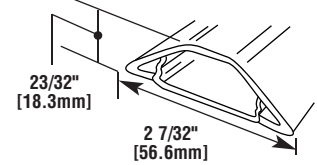
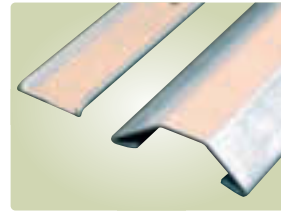


TWO-PIECE STEEL SINGLE-CHANNEL OVERFLOOR RACEWAY

1500 SERIES™ RACEWAY

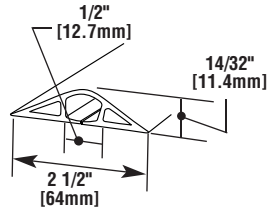
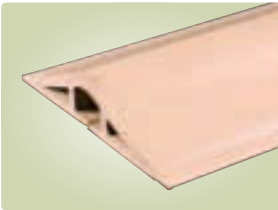


2600 SERIES™ RACEWAY

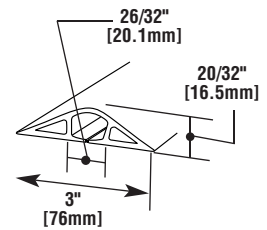
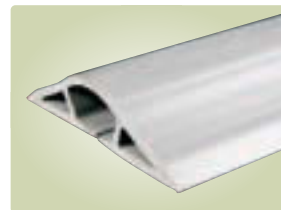


ONE-PIECE NONMETALLIC SINGLE-CHANNEL OVERFLOOR RACEWAY

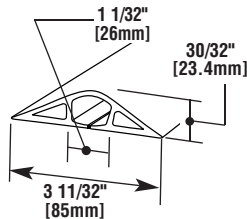
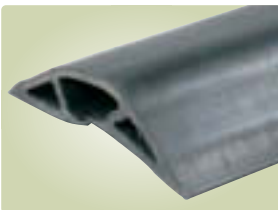
1200 SERIES™ RACEWAY



1400 SERIES™ RACEWAY



1600 SERIES™ RACEWAY



OFR SERIES OVERFLOOR RACEWAY SYSTEM

Wiremold OFR Series Overfloor Raceway System provides four-channels of capacity and access to a wide range of data and A/V connectivity options in the smallest, lowest, narrowest, ADA compliant profile available in over floor raceway systems.

- Overfloor Raceway System ETL Code Reference 79
- Overfloor Raceway System Color Options 79
- Overfloor Raceway System Layout 79
- Overfloor Raceway System Wire Fill Capacity Charts 80
- Overfloor Raceway System Ordering Information 80



OFR Series Raceway has an ADA compliant profile.

CODE REFERENCE

OFR Series Overfloor Raceway System is cETLus Listed.

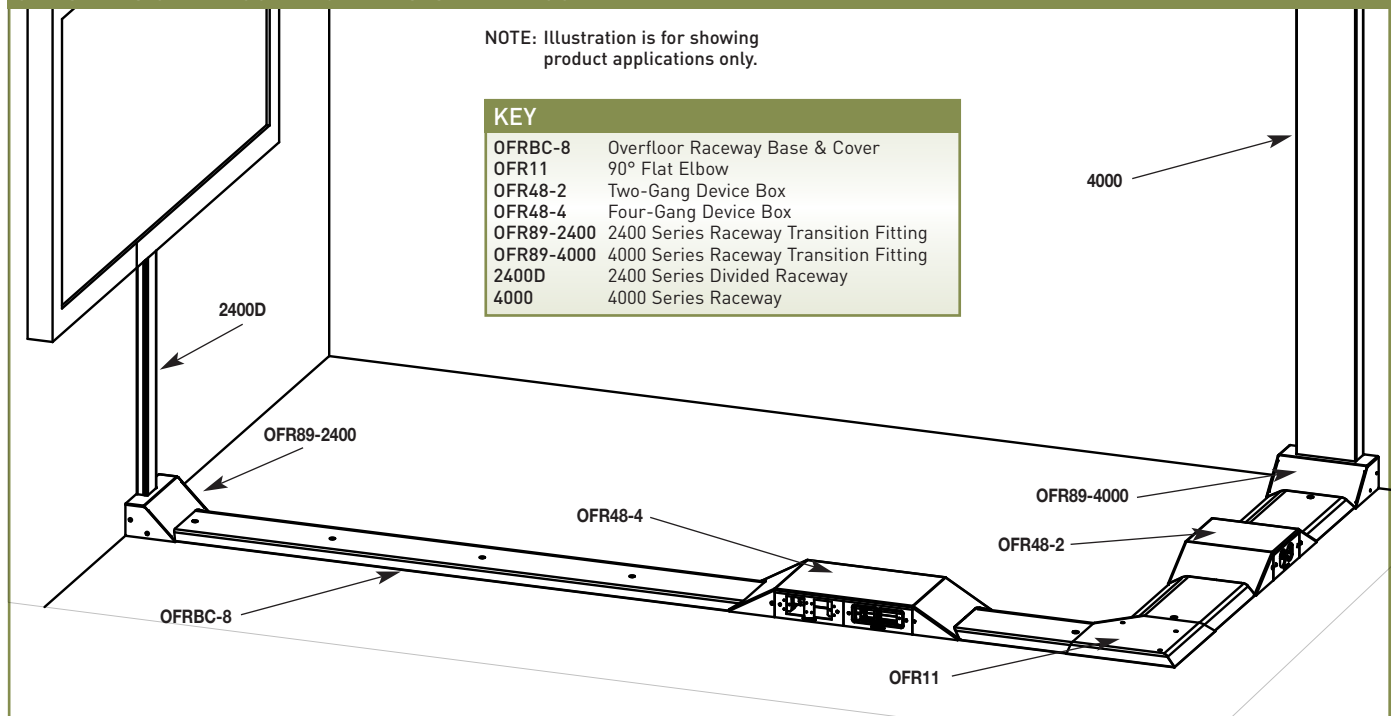
OFR SERIES OVERFLOOR RACEWAY SYSTEM COLOR OPTIONS

OFR Series Overfloor Raceway System is available with a black powder coat finish that is also paintable.



Black

OFR SERIES OVERFLOOR RACEWAY SYSTEM LAYOUT



OFR SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

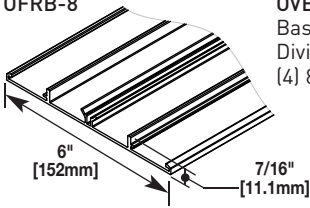
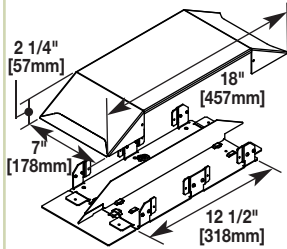
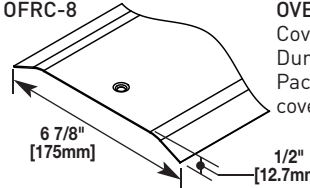
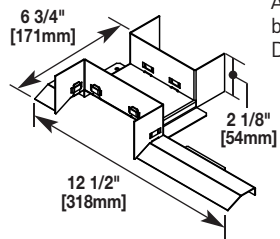
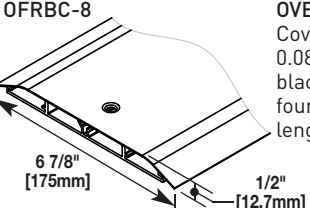
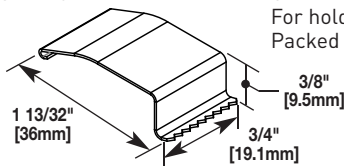
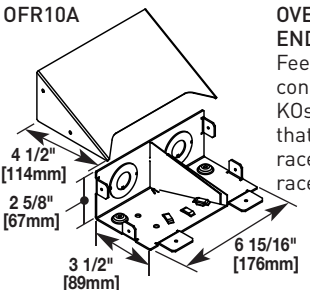
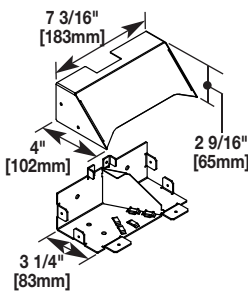
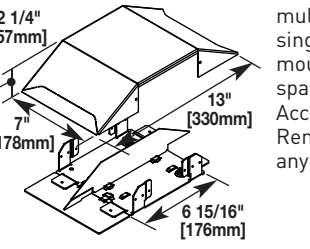
WIRE SIZE THHN/THWN	O.D.		WIRE CROSS-SECTIONAL AREA	# OF WIRES PER OUTER CHANNEL (40% FILL)	# OF WIRES PER OUTER CHANNEL w/OFR1 (40% FILL)	# OF WIRES PER OUTER CHANNEL w/OFR9 (40% FILL)	# OF WIRES PER INNER CHANNEL (40% FILL)
	Inches	[mm]					
14 AWG	0.111	[2.8]	0.010	18	13	10	19
12 AWG	0.130	[3.3]	0.013	13	10	7	14
10 AWG	0.164	[4.2]	0.021	8	3	2	9
8 AWG	0.216	[5.5]	0.037	4	4	3	5

OFR SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		WIRE CROSS-SECTIONAL AREA	# OF CABLES PER OUTER CHANNEL (40% FILL)	# OF CABLES PER OUTER CHANNEL w/OFR1 (40% FILL)	# OF CABLES PER OUTER CHANNEL w/OFR9 (40% FILL)	# OF CABLES PER INNER CHANNEL (40% FILL)
		Inches	[mm]					
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	0.028	6	4	3	6
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	0.035	5	3	2	5
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	0.049	3	2	2	3
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	0.098	1	1	1	2
COAXIAL	RG6/U	0.270	[6.9]	0.057	3	2	1	3
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	0.025	7	5	3	7
	Round 4 Strand Fiber	0.187	[4.8]	0.027	6	4	3	6
	Round 6 Strand Fiber	0.256	[6.5]	0.051	3	2	1	3

NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

OFR SERIES OVERFLOOR RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
OFRB-8	 <p>OVERFLOOR RACEWAY BASE – Base: 0.080" [2.0mm] aluminum. Divided into four channels. Packed four (4) 8' [2.4m] lengths per carton.</p> <p>NOTE: Not recommended for use in high traffic areas.</p>	OFR48-4	 <p>OVERFLOOR RACEWAY 4-GANG BOX – Divided four-gang device box. Allows multiple services (power, data, A/V) at a single point-of-use. Side facing device mounting provides low profile, with space for large cable bend radius. Accepts OFR Series device plates. Removable divider can be aligned with any of the raceway channels.</p>
OFRC-8	 <p>OVERFLOOR RACEWAY COVER – Cover: 0.040" [1.0mm] steel. Durable black powder coat finish. Packed four (4) 8' [2.4m] lengths of cover per carton.</p> <p>NOTE: Not recommended for use in high traffic areas.</p>	OFR48-4GX	 <p>OFR CROSSOVER KIT – Allows access to power and data on both sides of OFR48-4 4-Gang Device Box.</p>
OFRBC-8	 <p>OVERFLOOR RACEWAY BASE & COVER – Cover: 0.040" [1.0mm] steel. Base: 0.080" [2.0mm] aluminum. Durable black powder coat finish. Divided into four channels. Packed one (1) 8' [2.4m] length of base and cover per carton.</p> <p>NOTE: Not recommended for use in high traffic areas.</p>	OFRWC	 <p>OVERFLOOR RACEWAY WIRE CLIPS – For holding conductors in place. Packed twelve (12) per pack.</p>
OFR10A	 <p>OVERFLOOR RACEWAY ENTRANCE END FITTING – Feeds OFR Series Raceway, Has two (2) concentric 1/2" and 1 1/4" trade size KOs on end. Includes removable divider that can be positioned to feed any raceway channel. Can be used to feed raceway from wall or into furniture.</p>	OFR89-2400	 <p>OFR 2400 RACEWAY TRANSITION – For connecting vertical runs of 2400 & 2400D Series Raceway with OFR Series Raceway. Includes removable divider than can be positioned to feed any raceway channel.</p>
OFR48-2	 <p>OVERFLOOR RACEWAY 2-GANG BOX – Divided two-gang device box. Allows multiple services (power, data, A/V) at a single point-of-use. Side facing device mounting provides low profile, with space for large cable bend radius. Accepts OFR Series device plates. Removable divider can be aligned with any of the raceway channels.</p>		

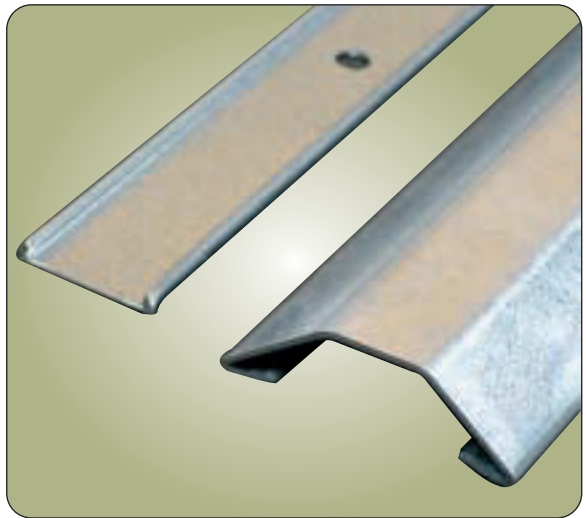
OFR SERIES OVERFLOOR RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
<p>OFR89-4000</p>	<p>OFR 4000 RACEWAY TRANSITION – For connecting vertical runs of 4000 Series Raceway with OFR Series Raceway. Includes removable divider than can be positioned to feed any raceway channel.</p>	<p>OFR47-B</p>	<p>OFR BLANK DEVICE PLATE – For covering unused compartments in OFR48-2 and OFR48-4 Device Boxes.</p>
<p>OFR89-DS4000</p>	<p>OFR DS4000 RACEWAY TRANSITION – For connecting vertical runs of DS4000 Series Raceway with OFR Series Raceway. Includes removable divider than can be positioned to feed any raceway channel.</p>	<p>OFR47-D</p>	<p>OFR DUPLEX DEVICE PLATE – For covering duplex style devices in OFR48-2 and OFR48-4 Device Boxes. Accepts 106 Frame.</p>
<p>OFR89-VIS</p>	<p>OVERFLOOR LARGE VISTA TRANSITION – For connecting OFR Series Raceway to Vista Point5 Architectural Columns.</p>	<p>OFR47-R</p>	<p>OFR DECORATOR DEVICE PLATE – For covering rectangular decorator style devices in OFR48-2 and OFR48-4 Device Boxes.</p>
<p>OFR11</p>	<p>OFR FLAT ELBOW – For making right angle turns on the same surface.</p>	<p>OFR47-U</p>	<p>OFR EXTRON® MAAP DEVICE PLATE – Device plate that will accept up to four (4) Extron® Electronics MAAP style plates in OFR48-2 and OFR48-4 Device Boxes.</p>
<p>OFR1</p>	<p>OFR COUPLING – Joins lengths of OFRB-8 OFR Series Raceway Base together. Sold in pairs.</p>	<p>OFR47-V</p>	<p>OFR EXTRON® AAP DEVICE PLATE – Device plate that will accept two (2) Extron® Electronics AAP single space modules.</p>
<p>OFR9</p>	<p>OFR GROUNDING CLIP – Connects equipment grounding conductor to provide ground to OFR Series Raceway. No. 10 ground screw provided.</p>	<p>OFR47-2A</p>	<p>OFR COMMUNICATIONS DEVICE PLATE – Device plate that will accept up to four (4) ports of communications devices. Includes adapters for Ortronics® TracJack, Series II, Pass & Seymour® Activate inserts and Wiremold Open System communication modules.</p>
<p>OFR89</p>	<p>OFR GROUNDING CLIP – Connects equipment grounding conductor to provide ground to OFR Series Raceway. No. 10 ground screw provided.</p>	<p>OFR47-U2A</p>	<p>OFR EXTRON® MAAP-2A COMBO DEVICE PLATE – Combination device plate that will accept up to two (2) Extron® Electronics MAAP style plates and up to two (2) ports of communications devices. Includes adapters for Ortronics® TracJack, Series II, Pass & Seymour® Activate inserts and Wiremold Open System communication modules.</p>
		<p>OFRB-8 – OFR Series Raceway four-channel raceway base.</p>	

1500 SERIES™ RACEWAYS

Wiremold® 1500 Series™ Steel Pancake Raceway provides permanent protection for overfloor cabling in high traffic areas.

1500 Series™ Raceway UL Code Reference 82
 1500 Series™ Raceway Color Options 82
 1500 Series™ Raceway System Layout 82
 1500 Series™ Raceway Wire Fill Capacity Charts 83
 1500 Series™ Raceway Ordering Information 83
 1500 & 2600 Series™ Raceways Installation Details 84



1500 Series Two-Piece Steel Pancake Raceway.

CODE REFERENCE

cULus Listed Underfloor Raceways:
 File E4376 Guide RJBT.
Fittings: File E41751 Guide RJPR.
 Meets Article 386 of NEC.
 Meets Section 12-1600 of CEC.

1500 SERIES RACEWAY COLOR OPTIONS

1500 Series™ Raceway components are available in galvanized steel unless otherwise indicated in the part number description.

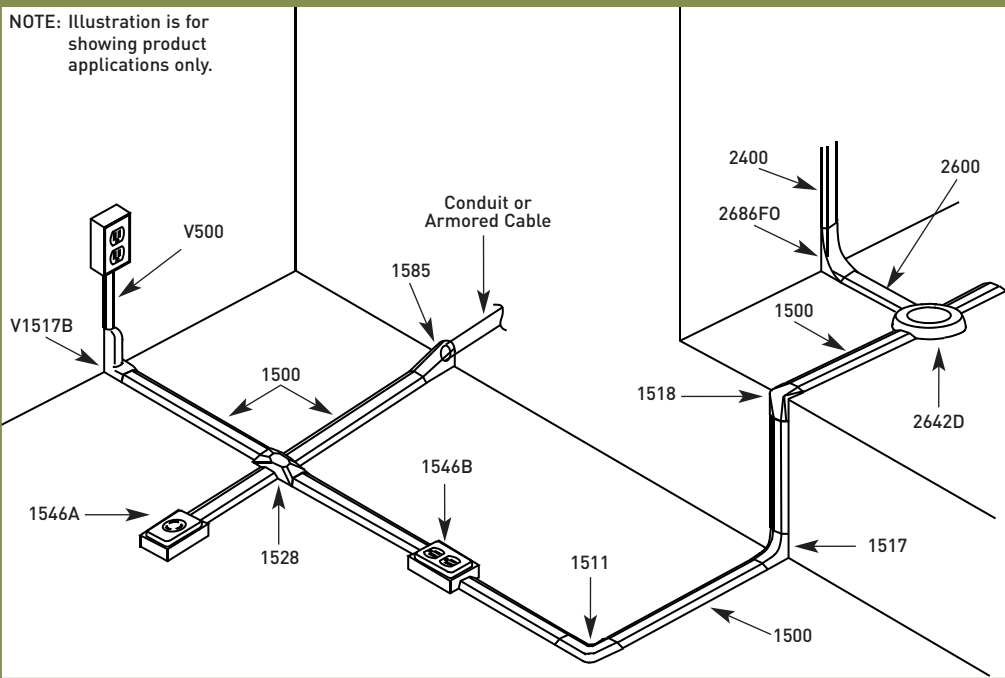


Galvanized Steel

Custom color options are also available. Consult the factory for more information.

1500 SERIES RACEWAY SYSTEM LAYOUT

NOTE: Illustration is for showing product applications only.



KEY

V1517B	Adapter Fitting
1528	Utility Box
1585	Combination Connector
1546A	Single Receptacle Box
1546B	Duplex Receptacle Box
1511	90° Flat Elbow
1517	Internal Elbow
1518	External Elbow
2642D	Junction Box
2686FO	Transition Feed Fitting
2600	2600 Series Pancake Overfloor Steel Raceway
2400	2400 Series Raceway
V500	500/700 Series Raceway
—	1/2" Conduit or Armored Cable

1500 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.) Inches [mm]	40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190 [4.8]	3
	4-pair, 24 AWG, Cat 5e	0.210 [5.3]	2
	4-pair, 24 AWG, Cat 6	0.250 [6.3]	1
	4-pair, 24 AWG, Cat 6a*	0.354 [9.0]	0
	25-pair, 24 AWG	0.410 [10.4]	0
COAXIAL	RG6/U	0.270 [6.9]	1
FIBER	ZipCord	0.118 x 0.236 [3 x 6]	3
	Round 4 Strand Fiber	0.187 [4.8]	3
	Round 6 Strand Fiber	0.256 [6.5]	1

1500 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D. [mm]	NO. OF CONDUCTORS 40% FILL
14 AWG	0.111 [2.8]	9
12 AWG	0.130 [3.3]	6
10 AWG	0.164 [4.2]	4

NOTE: For additional information, refer to the Technical Section.

* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

1500 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION
1500-10	RACEWAY BASE & COVER – .040" [1.0mm] galvanized steel. Packed ten 10' [3m] lengths per carton. Base has 9/32" [7.1mm] diameter mounting holes on centers of approximately 8" [203mm].
656	COVER REMOVAL TOOL – For removing cover of 1500 and 2600 Series Overfloor Raceways.
1500WC	WIRE CLIP – For holding conductors in place. Not UL Listed.
1502	FIBER BUSHING – Protects wires from abrasion. Slips into open end of 1500 Series Raceway where it enters a fitting.
1504	STRAP – Two-hole strap. Use to fasten 1500 Series Raceway to surfaces at any point desired.
1511	90° FLAT ELBOW – For right angle turns on the same surface.

PART NO.	DESCRIPTION
1517	INTERNAL ELBOW – For internal 90° corners.
V1517B	ADAPTER FITTING – To feed to or from 500 or 700 Series Raceway on wall to 1500 Series Raceway on floor. Ivory finish.
1518	EXTERNAL ELBOW – For external 90° corners.
1528	UTILITY BOX – Base and cover each have 1/2" trade size KO. May be used as a cross, tee, straight through or to terminate run. Two 1500WC Wire Clips included.
1542D	JUNCTION BOX – May be used as a cross, tee or elbow. Cover has 1/2" trade size KO. Base has 1/2" and 3/4" concentric trade size KOs to enable connection to floor outlet boxes or underfloor duct systems (use Chase nipple – not included). Two 1500WC Wire Clips included.

1500 SERIES RACEWAY ORDERING INFORMATION (continued)

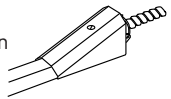
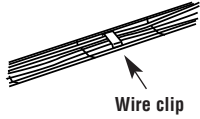
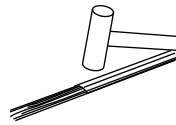
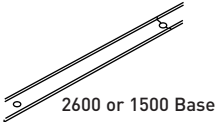
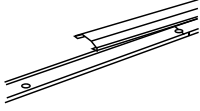
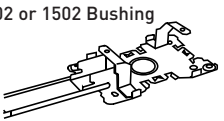
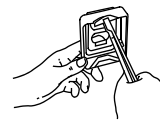
PART NO.	DESCRIPTION
1543GL	GROUNDING DUPLEX RECEPTACLE 15A-125V NEMA 5-15R & COVER – Cover has twistouts for 1500 and 2600 Series Raceway on all four sides. Base has 1/2" and 3/4" trade size concentric KO's. Two 1500WC Wire Clips included. Gray finish.
1546A	SINGLE RECEPTACLE BOX – Will accommodate commercially available straight blade and locking single receptacles with face diameters of 1.38-1.40" [35-36mm]. Base has 1/2" and 3/4" trade size concentric KO's. Nonmetallic cover has 1500 and 2600 Series Raceway twistouts on all four sides. Two 1500WC Wire Clips included. Gray finish.
1546B	DUPLEX RECEPTACLE BOX – Will accommodate commercially available 15A or 20A duplex receptacles. Base has 1/2" and 3/4" concentric trade size KO's. Nonmetallic cover has 1500 and 2600 Series Raceway twistouts on all four sides. Two 1500WC Wire Clips included. Side wiring recommended. Gray finish.

PART NO.	DESCRIPTION
1546T	TELEPHONE OUTLET BOX – Furnished with 1/2" [12.7mm] rubber stem. Designed to accept modular connecting blocks within the fitting. Nonmetallic cover has 1500 and 2600 Series Raceway twistouts on both ends and both sides. Two 1500WC Wire Clips included. Not UL Listed. Gray finish.
1585	COMBINATION CONNECTOR – For connecting 1/2" trade size conduit or armored cable to 1500 Series Raceway.

NOTE: Box covers are manufactured of UL Listed Noryl plastic, gray textured finish.

Parts identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products, add "C" prefix to part number to denote the Canadian version, i.e. "C1546A".

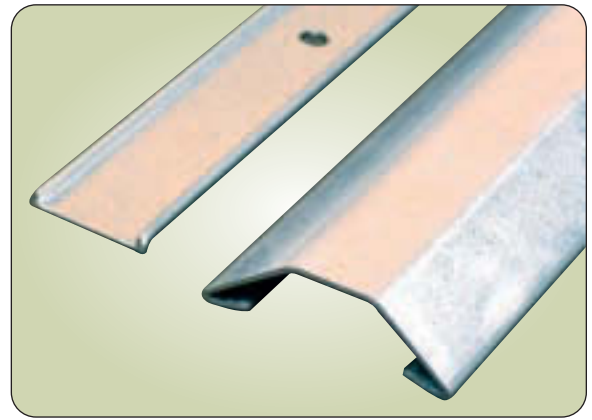
1500 & 2600 SERIES RACEWAY INSTALLATION DETAILS

<p>1. Determine method of feeding raceway with 1517B, 1585 (shown), 2186 or through a junction box or receptacle box (i.e., 1542, 1546B).</p> 	<p>5. Lay conductors in raceway base using 1500WC or 2600WC Wire Clips to hold conductors in place. Wire and install devices along run.</p> 
<p>2. Determine length of raceway base to first fitting location. Cut base to desired length.</p>	<p>6. Cut lengths of cover to fit between fittings. (Cover must be shorter than mating base: 3/8" [9.5mm] shorter for 1500, 9/16" [14.3mm] shorter for 2600.) Snap covers onto base, latching one side under the base bead and striking cover with a rubber mallet.</p> 
<p>3. Mount raceway base to surface using No. 8 flathead fasteners through all mounting holes provided.</p> 	<p>7. When raceway bases are butted, cover must be installed so that it overlaps joint.</p> 
<p>4. Slip fitting tongue over raceway base and fasten fitting base to surface. Repeat steps 2-4 until fitting and raceway bases are installed along entire run.</p> 	<p>8. Remove proper twistouts in fitting cover making sure that mounting holes line up with fitting base. Install cover with screws furnished.</p> 

2600 SERIES™ RACEWAY

Wiremold® 2600 Series™ Steel Pancake Raceway provides permanent protection for overfloor cabling in high traffic areas.

- 2600 Series™ Raceway UL Code Reference 85
- 2600 Series™ Raceway Color Options 85
- 2600 Series™ Raceway System Layout 85
- 2600 Series™ Wire Fill Capacity Charts 85
- 2600 Series™ Raceway Ordering Information 86
- 1500 & 2600 Series™ Raceways Installation Details 86
- 2600 Series™ Raceway Interconnectivity Options 86



2600 Series Two-Piece Steel Pancake Raceway.

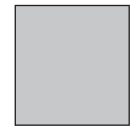
CODE REFERENCE

cULus Listed Underfloor Raceways:
File E4376 Guide RJBT.
Fittings: File E41751 Guide RJPR.
Meets Article 386 of NEC.
Meets Section 12-1600 of CEC.

2600 SERIES RACEWAY COLOR OPTIONS

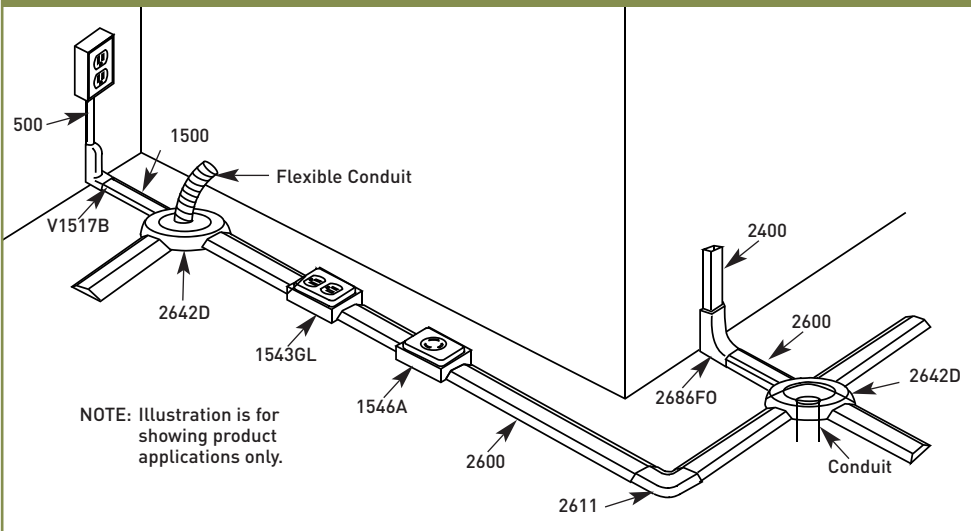
2600 Series™ Raceway components are available in galvanized steel unless otherwise indicated in the part number description.

Custom color options are also available.
Consult the factory for more information.



Galvanized Steel

2600 SERIES RACEWAY SYSTEM LAYOUT



KEY

- 2642D Junction Box
- 1543GL Grounding Duplex Receptacle & Cover
- 1546A Single Receptacle Box
- 2611 90° Flat Elbow
- 2686FO Transition Feed Fitting
- 2400 Wiremold 2400 Series Raceway
- 1500 Wiremold 1500 Series Raceway
- V1517B Adapter Fitting
- 2600 Wiremold 2600 Series Overfloor Steel Raceway
- 500 Wiremold 200, 500 or 700 Series Raceway
- Conduit 1/2" [12.7mm] Flexible Conduit
- Conduit 1/2" or 3/4" Conduit to Underfloor Duct System

2600 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.) Inches [mm]	40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190 [4.8]	10
	4-pair, 24 AWG, Cat 5e	0.210 [5.3]	8
	4-pair, 24 AWG, Cat 6	0.250 [6.3]	5
	4-pair, 24 AWG, Cat 6a*	0.354 [9.0]	2
	25-pair, 24 AWG	0.410 [10.4]	2
COAXIAL	RG6/U	0.270 [6.9]	5
FIBER	ZipCord	0.118 x 0.236 [3 x 6]	10
	Round 4 Strand Fiber	0.187 [4.8]	10
	Round 6 Strand Fiber	0.256 [6.5]	5

2600 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER


WIRE SIZE THHN/THWN	O.D. Inches [mm]	NO. OF CONDUCTORS 40% FILL
14 AWG	0.111 [2.8]	29
12 AWG	0.130 [3.3]	21
10 AWG	0.164 [4.2]	13

NOTE: For additional information, refer to the Technical Section.
* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

2600 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION
2600-10	RACEWAY BASE & COVER – Cover: .050" galvanized steel. Base: .040" [1.0mm] galvanized steel. Packed five 10' [3m] lengths per carton. Base has 9/32" [7.1mm] diameter mounting holes on centers of approximately 8" [203mm].
656	COVER REMOVAL TOOL – For removing cover of 1500 and 2600 Series Overfloor Raceways.
2600WC	WIRE CLIP – For holding conductors in place.
2602	FIBER BUSHING – Protects wires from abrasion. Slips into open end of 2600 Series Raceway where it enters a fitting.
2611	90° FLAT ELBOW – For right angle turns on the same surface.
2642D	JUNCTION BOX – May be used with 1500 and/or 2600 Series Raceway as a cross, tee, or elbow. Cover has 1/2" trade size KO. Base has 1/2" and 3/4" concentric KO to enable connection to floor, outlet boxes or under floor duct systems (use Chase nipple – not included). Two 2600WC Wire Clips included.

NOTE: Box covers are manufactured of UL Listed Noryl plastic, gray textured finish.

 Parts identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products, add "C" prefix to part number to denote the Canadian version, i.e. "C1546B".

PART NO.	DESCRIPTION
2686FO	TRANSITION FEED FITTING – Eliminates offsetting 2400 Series Raceway in connecting with surface panel boxes. Has 3/4" and 1" concentric trade size KOs with 1" trade size KO elongated so adjustment from surface to center of bushing is 1" [25mm] to 1 5/8" [41mm] maximum. Has twistouts for transition to 1500 and 2600 Series Raceway.
1543GL	GROUNDING DUPLEX RECEPTACLE 15A-125V NEMA 5-15R & COVER – Cover has twistouts for 1500 and 2600 Series Raceway on all four sides. Base has 1/2" and 3/4" trade size concentric KOs. Two 1500WC Wire Clips included. Gray finish.
1546A	SINGLE RECEPTACLE BOX – Will accommodate commercially available straight blade and locking single receptacles with face diameters of 1.38-1.40" [35-36mm]. Base has 1/2" and 3/4" trade size concentric KOs. Nonmetallic cover has 1500 and 2600 Series Raceway twistouts on all four sides. Two 1500WC Wire Clips included. Gray finish. Add "C" prefix to denote Canadian version — Agency approved for sale in Canada.
1546B	DUPLEX RECEPTACLE BOX – Will accommodate commercially available 15A or 20A duplex receptacles. Base has 1/2" and 3/4" concentric trade size KOs. Nonmetallic cover has 1500 and 2600 Series Raceway twistouts on all four sides. Two 1500WC Wire Clips included. Side wiring recommended. Gray finish.
1546T	TELEPHONE OUTLET BOX – Furnished with 1/2" [12.7mm] rubber stem. Designed to accept modular connecting blocks within the fitting. Nonmetallic cover has 1500 and 2600 Series Raceway twistouts on both ends and both sides. Two 1500WC Wire Clips included. Not UL Listed. Gray finish.

2600 SERIES RACEWAY INTERCONNECTIVITY FITTINGS

FROM	CONNECTION REQUIRED	TO	USE CATALOG NUMBER
2600 Series Raceway		1500 Series Raceway	2642D, 1543GL, 1546A, 1546B, 1546T
2600 Series Raceway		2400 Series Raceway	2686FO
1/2" Trade Size Conduit or Armored Cable		End of 1500 Series Raceway	1585
1/2" Trade Size Conduit or Armored Cable		Bottom of 1500 Series Raceway	1528
1/2" or 3/4" Trade Size Conduit or Armored Cable		Bottom of 1500 or 2600 Series Raceway	2642D
1/2" or 3/4" Trade Size Conduit or Armored Cable		Bottom of 1500 Series Raceway	1542D

1200/1400/1600 SERIES™ RACEWAYS

Wiremold® 1200/1400/1600 Series Overfloor Raceway Systems provide permanent or temporary protection for overfloor cabling in high traffic areas.

1200/1400/1600 Series™ Raceway UL Code Reference 87
 1200/1400/1600 Series™ Raceway Color Options..... 87
 1200 Series™ Raceway Ordering Information 87
 1400 Series™ Raceway Ordering Information 88
 1600 Series™ Raceway Ordering Information 88

CODE REFERENCE

1200, 1400, and 1600 Series Raceway is not UL Listed and is designed for use in protecting wiring and cabling.

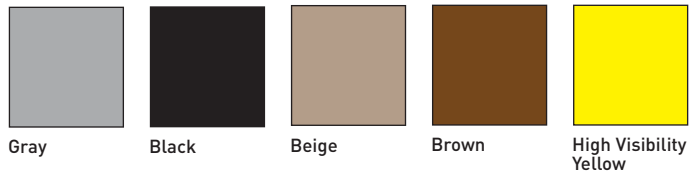


1200 Series Pancake Raceway used to protect and retain power cords in a typical installation.

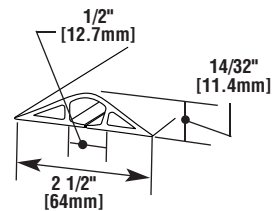
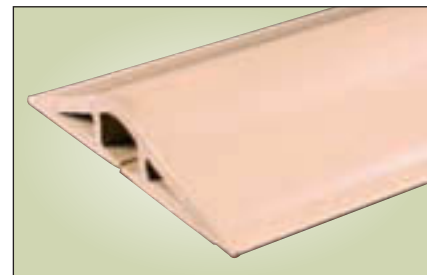
1200/1400/1600 SERIES RACEWAY COLOR OPTIONS

1200/1400/1600 Series Raceways are available in gray, black, beige, brown and high visibility yellow.

Custom color options are also available. Consult the factory for more information.

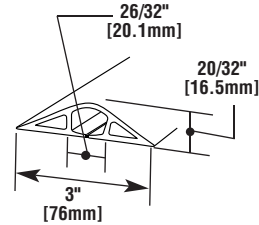


1200 SERIES — CHANNEL CAPACITY UP TO 5/16" [7.9MM] CABLE DIAMETER		
CATALOG NUMBER	COLOR	LENGTH
BE1200-5	Beige	5' [1.5m]
BE1200-5R	Beige	5' [1.5m]
BE1200-10	Beige	10' [3.0m]
BE1200-50	Beige	50' [15.2m]
BK1200-5	Black	5' [1.5m]
BK1200-10	Black	10' [3.0m]
BK1200-50	Black	50' [15.2m]
BR1200-5R	Brown	5' [1.5m]
BR1200-5	Brown	5' [1.5m]
BR1200-10	Brown	10' [3.0m]
BR1200-50	Brown	50' [15.2m]
GR1200-5	Gray	5' [1.5m]
GR1200-5R	Gray	5' [1.5m]
GR1200-10	Gray	10' [3.0m]
GR1200-50	Gray	50' [15.2m]
YL1200-50	High Visibility Yellow	50' [15.2m]



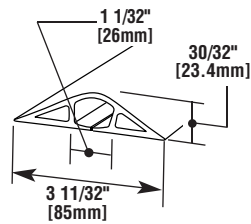
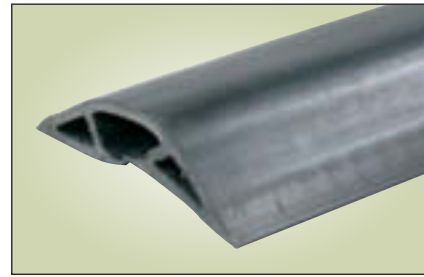
1400 SERIES — CHANNEL CAPACITY UP TO 1/2" [12.7MM] CABLE DIAMETER

CATALOG NUMBER	COLOR	LENGTH	
BE1400-5	Beige	5'	[1.5m]
BE1400-10	Beige	10'	[3.0m]
BE1400-50	Beige	50'	[15.2m]
BK1400-5	Black	5'	[1.5m]
BK1400-10	Black	10'	[3.0m]
BK1400-50	Black	50'	[15.2m]
BR1400-5	Brown	5'	[1.5m]
BR1400-10	Brown	10'	[3.0m]
BR1400-50	Brown	50'	[15.2m]
GR1400-5	Gray	5'	[1.5m]
GR1400-10	Gray	10'	[3.0m]
GR1400-50	Gray	50'	[15.2m]
YL1400-50	High Visibility Yellow	50'	[15.2m]

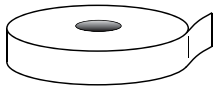


1600 SERIES — CHANNEL CAPACITY UP TO 3/4" [19.1MM] CABLE DIAMETER

CATALOG NUMBER	COLOR	LENGTH	
BE1600-5	Beige	5'	[1.5m]
BE1600-10	Beige	10'	[3.0m]
BE1600-25	Beige	25'	[7.6m]
BK1600-5	Black	5'	[1.5m]
BK1600-10	Black	10'	[3.0m]
BK1600-25	Black	25'	[7.6m]
BR1600-5	Brown	5'	[1.5m]
BR1600-10	Brown	10'	[3.0m]
BR1600-25	Brown	25'	[7.6m]
GR1600-5	Gray	5'	[1.5m]
GR1600-10	Gray	10'	[3.0m]
GR1600-25	Gray	25'	[7.6m]
YL1600-25	High Visibility Yellow	25'	[7.6m]



DST2



DOUBLE-SIDED TAPE –
For long term installation.
2" wide x 17 yds.

NONMETALLIC SURFACE RACEWAY SYSTEMS

Wiremold® Nonmetallic Surface Raceway Systems are the industry leaders in quality, ease of installation, and for providing pathway solutions for all types of installations. For over 50 years, Wiremold Nonmetallic Surface Raceway Systems have provided the highest quality, most dependable solutions for installers, building owners, and designers.

QUICK SELECTION GUIDE	90
Low Voltage Single-Channel Raceways	
Uniduct® 2700, 2800, 2900 Series Raceway	91
Power-Rated Single- and Dual-Channel Raceways	
Eclipse™ PN03, PN05, PN10 Series Raceway	98
400, 800, 2300/2300D Series™ Raceway	102
Large Capacity Multiple-Channel Raceways	
Access® 5000 Series Raceway	110
CableSmart™ 40N2 Series Raceway	115
5400 Series™ Raceway	118
5500 Series™ Raceway	124
5507 Series™ Faceplates	129
Hide Cord Raceway	
300 Series™ Duct	131

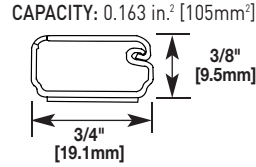


LOW VOLTAGE SINGLE-CHANNEL RACEWAY PROFILES

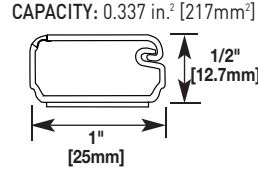
UNIDUCT® RACEWAY



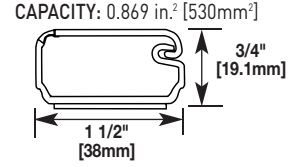
2700 Series



2800 Series



2900 Series

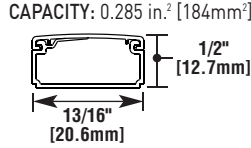


POWER-RATED SINGLE- & DUAL-CHANNEL RACEWAY PROFILES

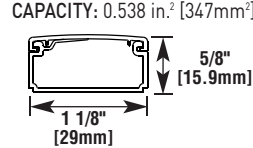
ECLIPSE™ SERIES RACEWAY*



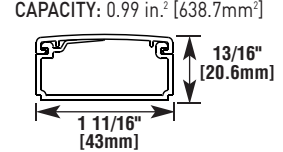
Eclipse PN03*



Eclipse PN05*

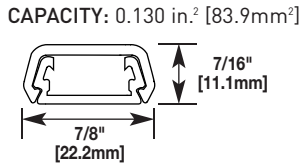


Eclipse PN10*

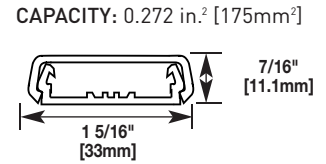


* UL Listed for up to 600V.

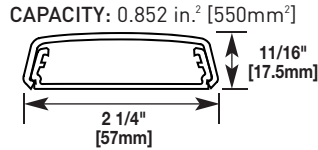
400 SERIES™ RACEWAY



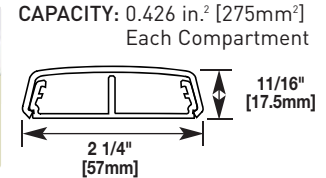
800 SERIES™ RACEWAY



2300 SERIES™ RACEWAY

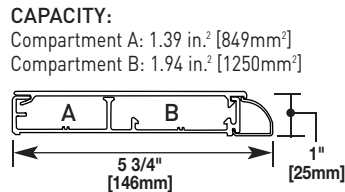


2300D SERIES™ RACEWAY

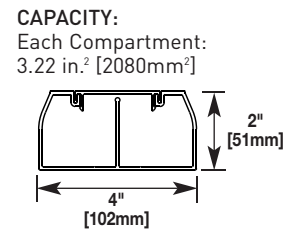


HIGH CAPACITY MULTIPLE CHANNEL RACEWAY PROFILES

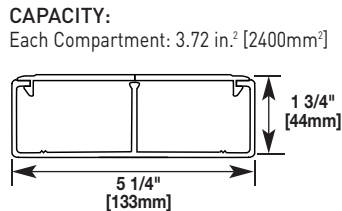
ACCESS® 5000 SERIES RACEWAY



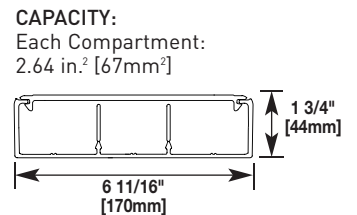
CABLESMART® 40N2 SERIES RACEWAY



5400 SERIES™ RACEWAY

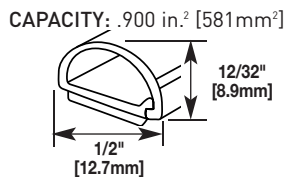
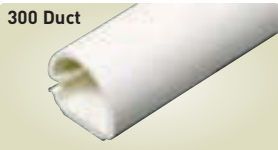


5500 SERIES™ RACEWAY



HIDE CORD RACEWAY PROFILES

300 SERIES™ DUCT



UNIDUCT® 2700, 2800, 2900 SERIES RACEWAYS

One-piece, latching single-channel raceway. Easy-to-install and ideal for basic communication installations.

- Uniduct® 2700, 2800, 2900 Series Raceways UL Code Reference..... 91
- Uniduct® 2700, 2800, 2900 Series Raceways Color Options 91
- Uniduct® 2700, 2800, 2900 Series Raceways System Layout 91
- Uniduct® 2700 Series Raceway Wire Fill Capacity Charts 92
- Uniduct® 2700 Series Raceway Ordering Information 92
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- Uniduct® 2700, 2800, 2900 Series Raceways Device Boxes Ordering Information 96
- Uniduct® 2700, 2800, 2900 Series Raceways Interconnectivity Fittings Chart 96
- Uniduct® 2700, 2800, 2900 Series Raceways Installation Details 97



Uniduct Series Raceway components used to provide communication services.

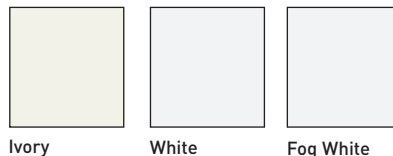
UNIDUCT® 2700, 2800, 2900 SERIES RACEWAYS

CODE REFERENCE

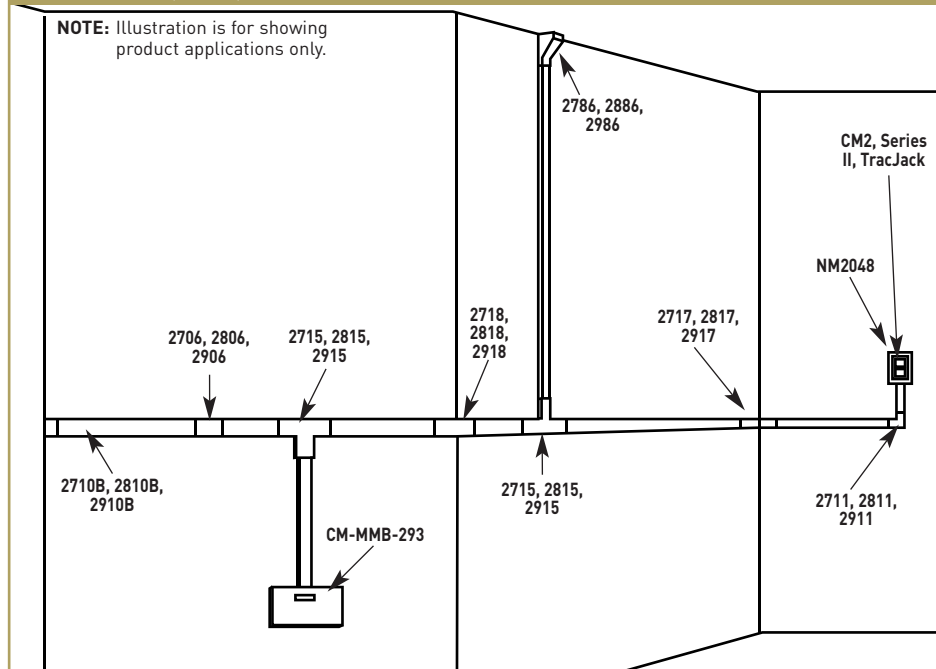
Uniduct Series Raceway is not UL Listed and is only designed for use in protecting electrical cords, low voltage wiring and cabling.

UNIDUCT 2700, 2800, 2900 SERIES RACEWAYS COLOR OPTIONS

Uniduct® Series Raceway Part Numbers with a “-WH” suffix have a white finish. Part Numbers with a “-FW” suffix have a fog white finish. Part Numbers without a suffix have an ivory finish. Uniduct Raceway can also be painted using latex paint.



UNIDUCT 2700, 2800, 2900 SERIES RACEWAYS SYSTEM LAYOUT



KEY

2706, 2806, 2906	Cover Clip
2710B, 2810B, 2910B	Blank End Fitting
2711, 2811, 2911	Flat Elbow
2715, 2815, 2915	Tee Fitting
2717, 2817, 2917	Internal Elbow
2718, 2818, 2918	External Elbow
2786, 2886, 2986	Drop Ceiling Connector
CM2	Communication Device
CM-MMB-293	Multimedia Box
NM2048	Device Box
Series II	Communication Device
TracJack	Communication Device

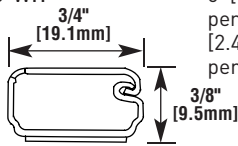
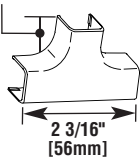
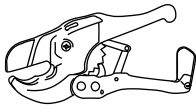
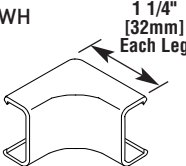
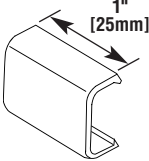
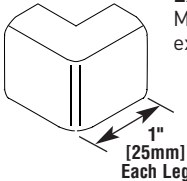
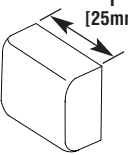
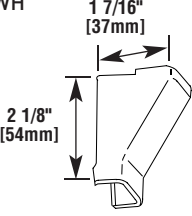
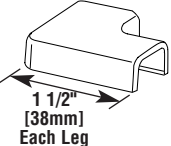
UNIDUCT 2700 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	2
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	1
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	1
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	0
	25-pair, 24 AWG	0.410	[10.4]	0
COAXIAL	RG6/U	0.270	[6.9]	1
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	2
	Round 4 Strand Fiber	0.187	[4.8]	2
	Round 6 Strand Fiber	0.256	[6.5]	1

NOTE: For additional information, refer to the Technical Section.

* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

UNIDUCT 2700 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
2700 2700-WH 2700L8 2700L8-WH	ONE-PIECE LATCHING RACEWAY – Co-extruded design, smooth plastic finish with adhesive backing. Available in 6' [1.8m] length, packed 120' [36.6m] per carton. 2700L8 available in 8' [2.44m] length, packed 160' [48.8m] per carton.	2715 2715-WH	TEE – For branching of raceway running at right angles.
			
PVC-1	PVC RACEWAY CUTTER – Regular duty cutter. Ideal for use with small nonmetallic raceways.	2717 2717-WH	INTERNAL ELBOW – Makes right angle turns around internal corners.
			
2706 2706-WH	COVER CLIP – Covers seam where two pieces of 2700 Series Raceway Cover come together.	2718 2718-WH	EXTERNAL ELBOW – Makes right angle turns around external corners.
			
2710B 2710B-WH	BLANK END FITTING – Closes off open end of 2700 Series Raceway.	2786 2786-WH	DROP CEILING CONNECTOR – Conceals cables dropped from ceiling into the 2700 Series Raceway.
			
2711 2711-WH	FLAT ELBOW – Makes right angle turns in 2700 Series Raceway on same surface.		
			

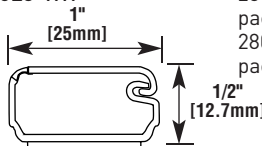
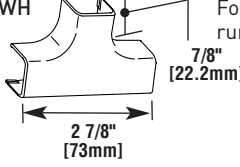
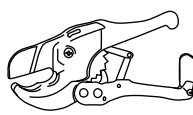
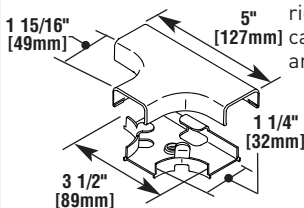
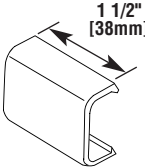
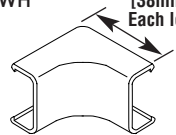
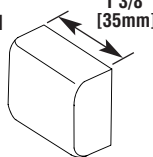
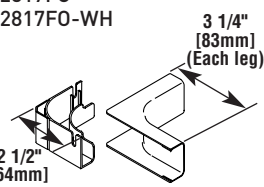
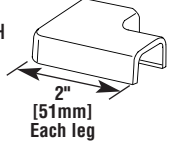
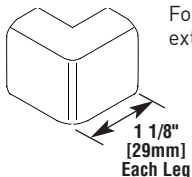
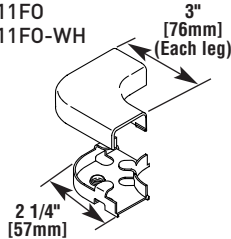
NOTE: Device Boxes for Uniduct 2700 Series Raceway can be found on pages located at the end of this product section.

UNIDUCT 2800 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	4
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	3
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	2
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	1
	25-pair, 24 AWG	0.410	[10.4]	1
COAXIAL	RG6/U	0.270	[6.9]	2
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	4
	Round 4 Strand Fiber	0.187	[4.8]	4
	Round 6 Strand Fiber	0.256	[6.5]	2

NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

UNIDUCT 2800 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
2800 2800-WH 2800L8 2800L8-WH	ONE-PIECE LATCHING RACEWAY – Co-extruded design, smooth ivory plastic finish with adhesive backing. 2800 available in 6' [1.8m] lengths, packed 120' [36.6m] per carton. 2800L8 available in 8' [2.44m] length, packed 160' [48.8m] per carton.	2815 2815-WH	TEE – For branching of 2800 Series Raceway running at right angles.
			
PVC-1	PVC RACEWAY CUTTER – Regular duty cutter. Ideal for use with small nonmetallic raceways.	2815FO 2815FO-WH	RADIUSED INTERNAL ELBOW – For branching of raceway running at right angles. Maintains 1 1/4" [32mm] cable bend radius when installing UTP and fiber optic cable.
			
2806 2806-WH	COVER CLIP – For covering joint where two pieces of 2800 Series Raceway Cover come together.	2817 2817-WH	INTERNAL ELBOW – For right angle turns around internal corners.
			
2810B 2810B-WH	BLANK END FITTING – For closing open end of 2800 Series Raceway.	2817FO 2817FO-WH	RADIUSED INTERNAL ELBOW – For right angle turns around internal corners. Maintains 1 1/4" [32mm] bend radius when installing UTP and fiber optic cable.
			
2811 2811-WH	FLAT ELBOW – For right angle turns on same surface.	2818 2818-WH	EXTERNAL ELBOW – For right angle turns around external corners.
			
2811FO 2811FO-WH	RADIUSED FLAT ELBOW – For right angle turns on the same surface. Maintains 1 1/4" [32mm] bend radius when installing UTP and fiber optic cable.		
			

NOTE: Device Boxes for Uniduct 2700 Series Raceway can be found on pages located at the end of this product section.

UNIDUCT 2800 SERIES RACEWAY ORDERING INFORMATION *(continued)*

PART NO.	DESCRIPTION
2818FO 2818FO-WH	RADIUSED EXTERNAL ELBOW – For right angle turns around external corners. Maintains 1 1/4" [32mm] cable bend radius when installing UTP and fiber optic cable.
2886 2886-WH	DROP CEILING CONNECTOR – For dropping cables from ceiling into the raceway.

PART NO.	DESCRIPTION
2889 2889-WH	REDUCING CONNECTOR (2800 – 2700) – For transitioning from 2800 Series Raceway to 2700 Series Raceway.

UNIDUCT 2900 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	12
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	10
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	7
	4-pair, 24 AWG, Cat 6a*	0.354	[8.9]	3
	25-pair, 24 AWG	0.410	[10.4]	2
COAXIAL	RG6/U	0.270	[6.9]	6
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	12
	Round 4 Strand Fiber	0.187	[4.8]	12
	Round 6 Strand Fiber	0.256	[6.5]	6

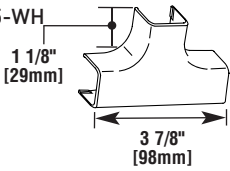
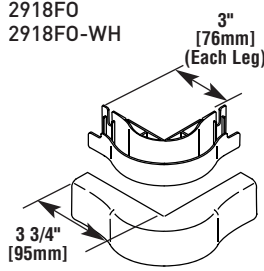
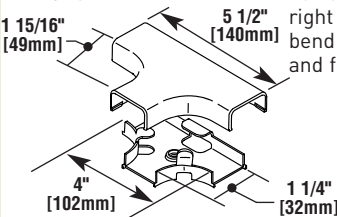
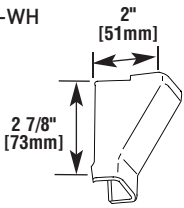
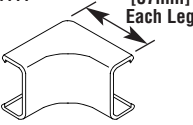
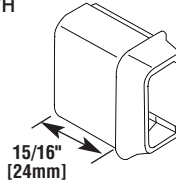
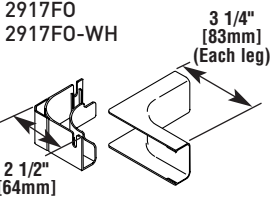
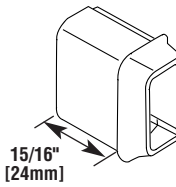
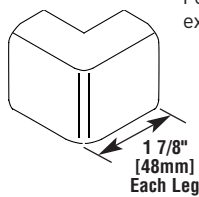
NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

UNIDUCT 2900 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION
2900 2900-WH 2900L8 2900L8-WH	ONE-PIECE LATCHING RACEWAY – Co-extruded design, smooth plastic finish with adhesive backing. Available in 6' [1.8m] length, packed 120' [36.6m] per carton. 2900L8 available in 8' [2.44m] length, packed 160' [48.8m] per carton.
PVC-1	PVC RACEWAY CUTTER – Regular duty cutter. Ideal for use with small nonmetallic raceways.
2906 2906-WH	COVER CLIP – For covering joint where two pieces of 2900 Series Raceway Cover come together.

PART NO.	DESCRIPTION
2910B 2910B-WH	BLANK END FITTING – For closing open end of 2900 Series Raceway.
2911 2911-WH	FLAT ELBOW – For right angle turns on same surface.
2911FO 2911FO-WH	RADIUSED FLAT ELBOW – For right angle turns on same surface. Maintains 1 1/4" [32mm] bend radius when installing UTP and fiber optic cable.

UNIDUCT 2900 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
2915 2915-WH	TEE – For branching of 2900 Series Raceway running at right angles.	2918FO 2918FO-WH	RADIUSED EXTERNAL ELBOW – For right angle turns around external corners. Maintains 1 1/4" [32mm] bend radius when installing UTP and fiber optic cable.
			
2915FO 2915FO-WH	RADIUSED TEE – For branching of raceway running at right angles. Maintains 1 1/4" [32mm] bend radius when installing UTP and fiber optic cable.	2986 2986-WH	DROP CEILING CONNECTOR – For dropping cables from ceiling into the raceway.
			
2917 2917-WH	INTERNAL ELBOW – For right angle turns around internal corners.	2989 2989-WH	REDUCING CONNECTOR – For transitioning from 2900 Series Raceway to 2800 Series Raceway.
			
2917FO 2917FO-WH	RADIUSED INTERNAL ELBOW – For right angle turns around internal corners. Maintains 1 1/4" [32mm] bend radius when installing UTP and fiber optic cable.	2989A 2989A-WH	REDUCING CONNECTOR – For transitioning from 2900 Series Raceway to 2700 Series Raceway.
			
2918 2918-WH	EXTERNAL ELBOW – For right angle turns around external corners.		
			

UNIDUCT SERIES RACEWAY DEVICE BOX ORDERING INFORMATION

PART NO. NM2044
NM2044-WH

DESCRIPTION
EXTRA DEEP DEVICE BOX –
For mounting voice/data devices when additional depth is required. Has combination twistouts for Uniduct 2700, 2800, 2900 and NM2000 Series Raceways. Accepts industry standard NEMA faceplates.

PART NO. NM2044-2
NM2044-2WH

DESCRIPTION
TWO-GANG EXTRA DEEP DEVICE BOX –
For mounting multiple voice/data devices when additional depth is required. Has combination twistouts for Uniduct 2700, 2800, 2900 and NM2000 Series Raceways. Accepts industry standard NEMA faceplates.

PART NO. NM2048
NM2048-WH

DESCRIPTION
DEEP DEVICE BOX –
For mounting deep voice/data devices. Has combination twistouts for Uniduct 2700, 2800, 2900, and NM2000 Series Raceways. Accepts industry standard NEMA faceplates.

PART NO. NM2048-2
NM2048-2WH

DESCRIPTION
TWO-GANG DEEP DEVICE BOX –
For mounting multiple voice data devices. Has combination twistouts for Uniduct 2700, 2800, 2900, and NM2000 Series Raceways. Accepts industry standard NEMA faceplates.

PART NO. CM-MMB-291
CM-MMB-291-WH

DESCRIPTION
ONE INSERT MULTIMEDIA BOX –
Accepts one 2A size Wiremold Open System Communication Module or Pass & Seymour® Activate Series Insert. Compatible with Uniduct 2700 and 2800 Series Raceways.

PART NO. CM-MMB-292
CM-MMB-292-WH

DESCRIPTION
TWO INSERT MULTIMEDIA BOX –
Fiber storage loop. Accepts two 2A size Wiremold Open System Communication Modules or Pass & Seymour® Activate Series Inserts. Compatible with Uniduct 2700, 2800, and 2900 Series Raceways.

PART NO. CM-MMB-293
CM-MMB-293-WH

DESCRIPTION
THREE INSERT MULTIMEDIA BOX –
Fiber storage loop. Accepts three 2A size Wiremold Open System Communication Modules or Pass & Seymour® Activate Series Inserts. Compatible with Uniduct 2700, 2800, and 2900 Series Raceways.

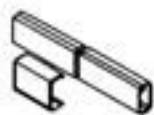
UNIDUCT 2700, 2800, 2900 SERIES RACEWAYS INTERCONNECTIVITY FITTINGS

FROM	CONNECTION REQUIRED	TO	USE CATALOG NUMBER
Uniduct 2800 Series Raceway		Uniduct 2700 Series Raceway	2889
Uniduct 2900 Series Raceway		Uniduct 2700 Series Raceway	2989A
Uniduct 2900 Series Raceway		Uniduct 2800 Series Raceway	2989
Drop Ceiling		Uniduct 2800 Series Raceway	2786
Drop Ceiling		Uniduct 2800 Series Raceway	2886
Drop Ceiling		Uniduct 2900 Series Raceway	2986
NM2000		Uniduct 2700, 2800, or 2900 Series Raceway	2044, 2044-2, 2048, 2048-2

UNIDUCT 2700, 2800, 2900 SERIES RACEWAYS INSTALLATION DETAILS

1. Cover Clip: 2706/2806/2906

To join two pieces of Uniduct Raceway in line. Install the Uniduct Raceway butted as shown. Snap the cover clip (2706/2806/2906) onto the Uniduct Raceway, leaving no gap.



2. Blank End Fitting: 2710B/2810B/2910B

To cover the open end of Uniduct Raceway. Snap the blank end fitting (2710B/2810B/2910B) onto the open end of 2700, 2800, or 2900 Series Uniduct Raceway.



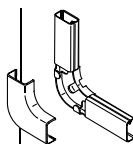
3. 90° Flat Elbow: 2711/2811/2911

To make right angle turn on same surface. Install the Uniduct Raceway butted as shown. Snap 90° flat elbow (2711/2811/2911) onto the Uniduct Raceway, leaving no gap.



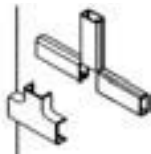
4. Bend Radius 90° Flat Elbow: 2811FO/2911FO

To make right angle turn on same surface and maintain 1 1/4" [32mm] bend radius. Mount the fitting base to the wall by using screws or the adhesive strip supplied. Butt the Uniduct Raceway as shown and snap the fitting cover over the base after the cabling has been completed.



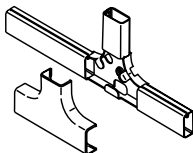
5. Tee: 2715/2815/2915

For branching at right angles. Install the Uniduct Raceway butted as shown. Snap tee (2715/2815/2915) onto the Uniduct Raceway, leaving no gap.



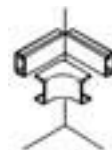
6. Bend Radius Tee: 2815FO/2915FO

To branch at right angles and maintain a 1 1/4" [32mm] bend radius. Mount the fitting base to the wall by using screws or the adhesive strip supplied. Butt the Uniduct Raceway as shown and snap the fitting cover over the base after the cabling has been completed.



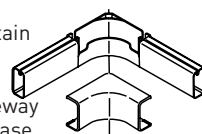
7. Internal Elbow: 2717/2817/2917

To go around internal corner. Install Uniduct 2700, 2800, or 2900 Series Raceway butted as shown. Snap internal elbow (2717/2817/2917) onto the Uniduct Raceway, leaving no gap.



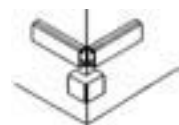
8. Bend Radius Internal Elbow: 2817FO/2917FO

To make internal corner connection and maintain 1 1/4" [32mm] bend radius. Mount the fitting base to the wall by using screws or the adhesive strip supplied. Butt the Uniduct Raceway as shown and snap the fitting cover over the base after the cabling has been completed.



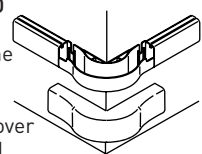
9. External Elbow: 2718/2818/2918

To go around external corner. Install Uniduct 2700, 2800, or 2900 Series Raceway butted as shown. Snap external elbow (2718/2818/2918) onto the Uniduct Raceway, leaving no gap.



10. Bend Radius External Elbow: 2818FO/2918FO

To make external corner connection and maintain 1 1/4" [32mm] bend radius. Mount the fitting base to the wall by using screws or the adhesive strip supplied. Butt the Uniduct Raceway as shown and snap the fitting cover over the base after the cabling has been completed.



11. Drop Ceiling Connector: 2786/2886/2986

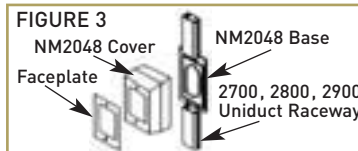
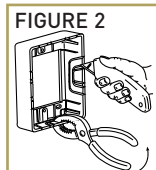
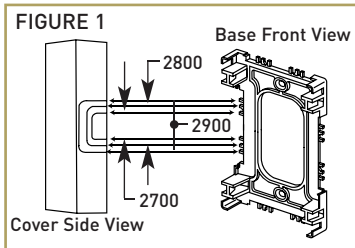
For bringing cables from ceiling to raceway. Cut a hole in the ceiling tile right next to metal grid. Drop the cables from the ceiling into the Uniduct Raceway. Push the drop ceiling connector (2786/2886/2986) through the hole so that the notch in the large end of the connector butts with the metal grid. Snap the drop ceiling connector onto the Uniduct Raceway.



UNIDUCT 2700, 2800, 2900 SERIES RACEWAYS DEVICE BOX INSTALLATION DETAILS

Typical Procedure for Installing Device Boxes

1. Remove proper tongue on the device box (NM2048) base. (See Figure 1.)
2. Notch proper knockout in cover using knife. (See Figure 2.) Use pliers to remove knockout inward for cleaner edge. (Trimming may be necessary.)
3. Fasten device box base to wall using screws (not provided).
4. Mount raceway to box. Install cables.
5. Snap device box cover onto base.
6. Mount device and faceplate.



ECLIPSE™ PN03, PN05, PN10 SERIES RACEWAYS

One-piece, latching, single-channel raceway. Easy-to-install and ideal for demanding communication designs. Accommodates communication or power wiring.

- Eclipse™ PN03, Series Raceways UL Code Reference 98
- Eclipse™ PN03, PN05, PN10 Series Raceways Color Options 98
- Eclipse™ PN03, PN05, PN10 Series Raceways System Layout 98
- Eclipse™ PN03, PN05, PN10 Series Raceway Wire Fill Capacity Charts 99
- Eclipse™ PN03, PN05, PN10 Series Raceway Ordering Information 99



Eclipse Series Raceway snap-on latching covers provide security with access to wiring for changes or additions.

CODE REFERENCE

cULus Listed Raceway:
File E90378 Guide RJTX.
Complies with flammability requirements of UL-5A.

Fittings:
File E90377 Guide RJYT.
Meets Article 388 of NEC.
UL Listed for up to 600V.
Meets Section 12-1600 of CEC.

ECLIPSE PN03, PN05, PN10 SERIES RACEWAYS COLOR OPTIONS

Eclipse™ Series Raceway Part Numbers with a "-WH" suffix have a white finish. Part Numbers with a "-FW" suffix have a fog white finish. Part Numbers with a "-V" suffix have an ivory finish. Eclipse Series Raceways are paintable using latex paint.



Ivory

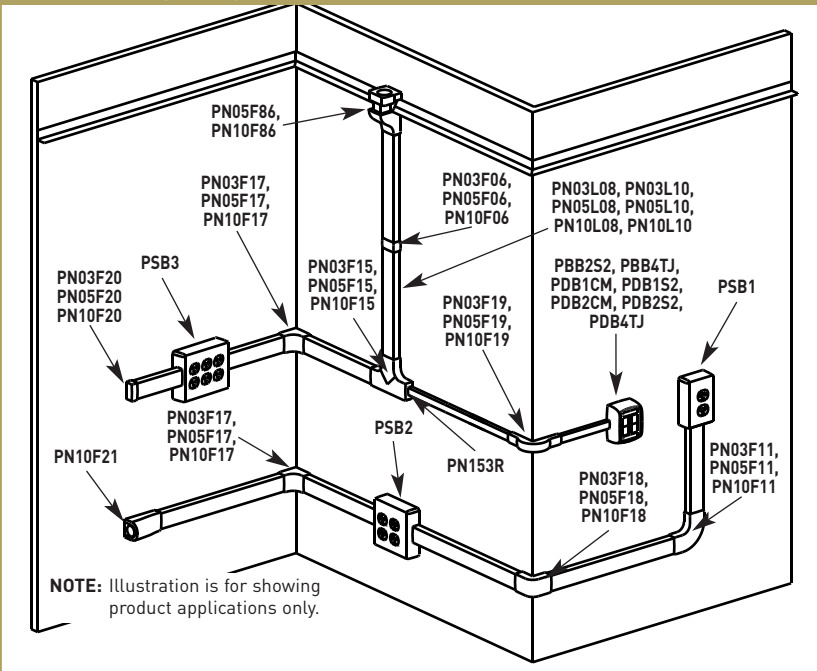


White



Fog White

ECLIPSE PN03, PN05, PN10 SERIES RACEWAYS SYSTEM LAYOUT



KEY

Latching Raceway	PN03L08, PN03L10, PN05L08, PN05L10, PN10L08, PN10L10
Cover Clip	PN03F06, PN05F06, PN10F06
90° Flat Elbow Fitting	PN03F11, PN05F11, PN10F11
Tee Fitting	PN03F15, PN05F15, PN10F15
Internal Elbow Fitting	PN03F17, PN05F17, PN10F17
External Elbow Fitting	PN03F18, PN05F18, PN10F18
Bend Radius External Elbow Fitting	PN03F19, PN05F19, PN10F19
Blank End Fitting	PN03F20, PN05F20, PN10F20
Entrance End Fitting	PN10F21
Drop Ceiling Connector	PN05F86, PN10F86
Reducer Adapter	PN153R
One-Gang Device Box	PSB1
Two-Gang Device Box	PSB2
Three-Gang Device Box	PSB3
Communication Box	PBB2S2, PBB4TJ, PDB1CM, PDB1S2, PDB2CM, PDB2S2, PDB4TJ

ECLIPSE SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D.		NUMBER OF CONDUCTORS		
	Inches	[mm]	PN03	PN05	PN10
14 AWG	0.111	[2.8]	8	16	22
12 AWG	0.130	[3.3]	7	14	20
10 AWG	0.164	[4.2]	0	0	19

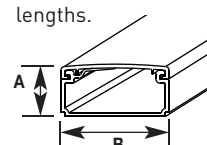
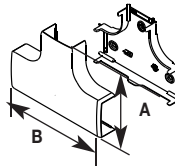
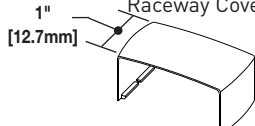
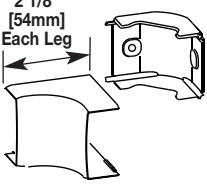
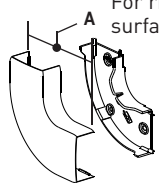
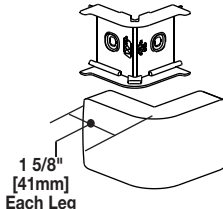
ECLIPSE SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL		
		Inches	[mm]	PN03	PN05	PN10
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	3	5	13
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	2	5	11
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	1	3	8
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	0	1	4
	25-pair, 24 AWG	0.410	[10.4]	0	1	3
COAXIAL	RG6/U	0.270	[6.9]	1	3	6
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	3	6	14
	Round 4 Strand Fiber	0.187	[4.8]	3	6	14
	Round 6 Strand Fiber	0.256	[6.5]	1	3	7

NOTE: For additional information, refer to the Technical Section.

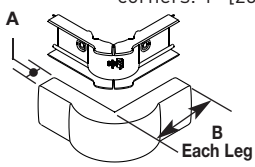
* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

ECLIPSE SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION																																
PN03L08-FW PN03L08-V PN03L08-WH PN03L10-FW PN03L10-V PN03L10-W PN05L08-FW PN05L08-V PN05L08-WH PN05L10-FW PN05L10-V PN05L10-W PN10L08-FW PN10L08-V PN10L08-WH PN10L10-FW PN10L10-V PN10L10-W	<p>LATCHING RACEWAY – One-piece latching raceway with co-extruded hinge and adhesive backing. Available in 8' [2.44m] and 10' [3.0m] lengths.</p>  <table border="1"> <thead> <tr> <th>CAT. NO.</th> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>PN03L08</td> <td>1/2" [12.7mm]</td> <td>13/16" [20.6mm]</td> </tr> <tr> <td>PN03L10</td> <td>1/2" [12.7mm]</td> <td>13/16" [20.6mm]</td> </tr> <tr> <td>PN05L08</td> <td>5/8" [15.9mm]</td> <td>1 1/8" [29mm]</td> </tr> <tr> <td>PN05L10</td> <td>5/8" [15.9mm]</td> <td>1 1/8" [29mm]</td> </tr> <tr> <td>PN10L08</td> <td>13/16" [20.6mm]</td> <td>1 11/16" [43mm]</td> </tr> <tr> <td>PN10L10</td> <td>13/16" [20.6mm]</td> <td>1 11/16" [43mm]</td> </tr> </tbody> </table>	CAT. NO.	A	B	PN03L08	1/2" [12.7mm]	13/16" [20.6mm]	PN03L10	1/2" [12.7mm]	13/16" [20.6mm]	PN05L08	5/8" [15.9mm]	1 1/8" [29mm]	PN05L10	5/8" [15.9mm]	1 1/8" [29mm]	PN10L08	13/16" [20.6mm]	1 11/16" [43mm]	PN10L10	13/16" [20.6mm]	1 11/16" [43mm]	<p>PN03F15-FW PN03F15-V PN03F15-WH PN05F15-FW PN05F15-V PN05F15-WH PN10F15-FW PN10F15-V PN10F15-WH</p> <p>TEE FITTING – For branches of raceway running at right angles. 1" [25mm] bend radius.</p>  <table border="1"> <thead> <tr> <th>CAT. NO.</th> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>PN03F15</td> <td>2 11/16" [68mm]</td> <td>4 5/16" [110mm]</td> </tr> <tr> <td>PN05F15</td> <td>2 15/16" [75mm]</td> <td>4 3/4" [121mm]</td> </tr> <tr> <td>PN10F15</td> <td>3 11/16" [94mm]</td> <td>5 5/16" [135mm]</td> </tr> </tbody> </table>	CAT. NO.	A	B	PN03F15	2 11/16" [68mm]	4 5/16" [110mm]	PN05F15	2 15/16" [75mm]	4 3/4" [121mm]	PN10F15	3 11/16" [94mm]	5 5/16" [135mm]
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PN10F15	3 11/16" [94mm]	5 5/16" [135mm]																																	
PN03F06-FW PN03F06-V PN03F06-WH PN05F06-FW PN05F06-V PN05F06-WH PN10F06-FW PN10F06-V PN10F06-WH	<p>COVER CLIP – For covering joint where two pieces of Eclipse PN03, PN05, or PN10 Series Raceway Cover come together.</p> 	<p>PN03F17-FW PN03F17-V PN03F17-WH PN05F17-FW PN05F17-V PN05F17-WH PN10F17-FW PN10F17-V PN10F17-WH</p> <p>INTERNAL ELBOW – For right angle turns around internal corners. 1" [25mm] bend radius.</p> 																																	
PN03F11-FW PN03F11-V PN03F11-WH PN05F11-FW PN05F11-V PN05F11-WH PN10F11-FW PN10F11-V PN10F11-WH	<p>FLAT ELBOW – For right angle turns on the same surface. 1" [25mm] bend radius.</p>  <table border="1"> <thead> <tr> <th>CAT. NO.</th> <th>A</th> </tr> </thead> <tbody> <tr> <td>PN03F11</td> <td>2 11/16" [68mm]</td> </tr> <tr> <td>PN05F11</td> <td>2 15/16" [75mm]</td> </tr> <tr> <td>PN10F11</td> <td>3 11/16" [94mm]</td> </tr> </tbody> </table>	CAT. NO.	A	PN03F11	2 11/16" [68mm]	PN05F11	2 15/16" [75mm]	PN10F11	3 11/16" [94mm]	<p>PN03F18-FW PN03F18-V PN03F18-WH PN05F18-FW PN05F18-V PN05F18-WH PN10F18-FW PN10F18-V PN10F18-WH</p> <p>EXTERNAL ELBOW – For right angle turns around external corners.</p> 																									
CAT. NO.	A																																		
PN03F11	2 11/16" [68mm]																																		
PN05F11	2 15/16" [75mm]																																		
PN10F11	3 11/16" [94mm]																																		

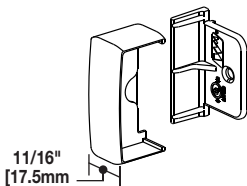
ECLIPSE SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
PN03F19-FW PN03F19-V PN03F19-WH PN05F19-FW PN05F19-V PN05F19-WH PN10F19-FW PN10F19-V PN10F19-WH	RADIUSED EXTRUDED ELBOW – For right angle turns around external corners. 1" [25mm] bend radius.

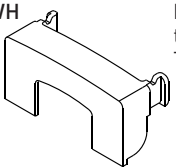


CAT. NO.	A	B
PN03F19	15/16" [23.8mm]	3 1/8" [79mm]
PN05F19	1 3/16" [30mm]	3 1/8" [79mm]
PN10F19	1 3/16" [30mm]	3 3/8" [116mm]

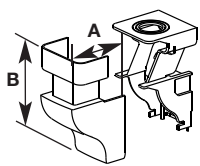
PART NO.	DESCRIPTION
PN03F20-FW PN03F20-V PN03F20-WH PN05F20-FW PN05F20-V PN05F20-WH PN10F20-FW PN10F20-V PN10F20-WH	BLANK END FITTING – For closing open end of Eclipse PN03, PN05, or PN10 Series Raceway.



PART NO.	DESCRIPTION
PN153R-FW PN153R-V PN153R-WH	REDUCER ADAPTER FITTING – For adapting PN03 or PN05 Series Raceway to a PN10 Series Raceway trunking through the PN10F15 Tee Fitting.

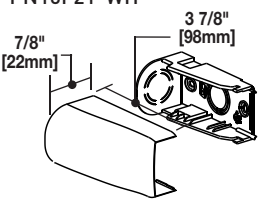


PART NO.	DESCRIPTION
PN05F86-FW PN05F86-V PN05F86-WH PN10F86-FW PN10F86-V PN10F86-WH	DROP CEILING CONNECTOR – For dropping cables from ceiling into the raceway. Has 1/2" and 3/4" concentric trade size KOs. Includes PN153R Reducer Adapter for use with PN03 Series Raceway.

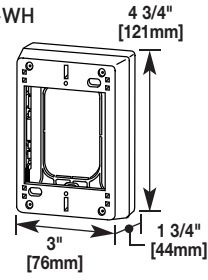


CAT. NO.	A	B
PN05F86	1 5/16" [33mm]	4 3/8" [111mm]
PN10F86	2 1/2" [64mm]	4 3/8" [111mm]

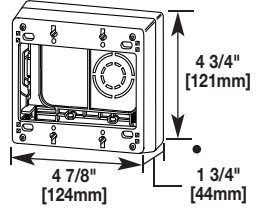
PART NO.	DESCRIPTION
PN10F21-FW PN10F21-V PN10F21-WH	ENTRANCE END FITTING – For feeding raceway with 1/2" and 3/4" trade size conduit or armored cable. Has 1/2" and 3/4" concentric trade size KOs. Includes PN153R Reducer Adapter for use with PN03 and PN05 Series Raceway.



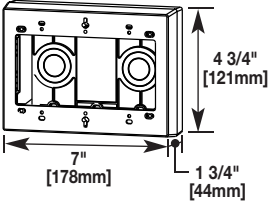
PART NO.	DESCRIPTION
PSB1-FW PSB1-V PSB1-WH	ONE-GANG DEVICE BOX – Accepts all standard single-gang NEMA faceplates and keystone jacks. Twistouts on all four sides for PN03, PN05, and PN10 Series Raceways. Designed for use with Ortronics® WiJack™ Wireless Access Point.



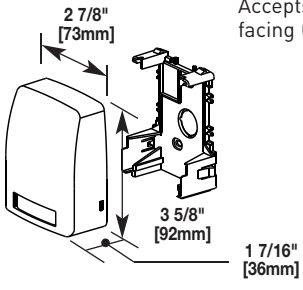
PART NO.	DESCRIPTION
PSB2-FW PSB2-V PSB2-WH	TWO-GANG DEVICE BOX – Accepts all standard two-gang NEMA faceplates and keystone jacks. Twistouts on all four sides for PN03, PN05, and PN10 Series Raceways. Has 1/2" and 3/4" concentric trade size KOs, as well as rectangular KO for wall box mounting. Designed for use with Ortronics® WiJack™ Wireless Access Point.



PART NO.	DESCRIPTION
PSB3-FW PSB3-V PSB3-WH	THREE-GANG DEVICE BOX – Accepts all standard three-gang NEMA faceplates and keystone jacks. Twistouts on all four sides for PN03, PN05, and PN10 Series Raceways. Has 1/2" and 3/4" concentric trade size KOs. Designed for use with Ortronics® WiJack™ Wireless Access Point.



PART NO.	DESCRIPTION
PDB1S2-FW PDB1S2-V PDB1S2-WH	SERIES II DATA BOX – Surface mount box for use with Eclipse Raceway or standalone application. Accepts one front-loaded downward facing Ortronics® Series II insert.



ECLIPSE SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
PDB1CM-FW PDB1CM-V PDB1CM-WH	CM DATA BOX – Surface mount box for use with Eclipse Raceway or standalone application. Has one 1/2" trade size KO. Accepts one front-loaded downward facing Pass & Seymour® Activate or Wiremold Open System communication module.

PART NO.	DESCRIPTION
PDB4TJ-FW PDB4TJ-V PDB4TJ-WH	TRACJACK DATA BOX – Surface mount box for use with Eclipse Raceway or standalone application. Has two 1/2" trade size KOs. Accepts four front-loaded downward facing Ortronics® TracJack inserts.

PART NO.	DESCRIPTION
PBB2S2-FW PBB2S2-V PBB2S2-WH	SERIES II DATA BOX – Surface mount box for use with Eclipse Raceway or standalone application. Has two 1/2" trade size KOs. Accepts two front-loaded downward facing Ortronics® Series II inserts.

PART NO.	DESCRIPTION
PBB2S2-FW PBB2S2-V PBB2S2-WH	BEZEL BOX – Surface mount box for use with Eclipse Raceway or standalone application. Accepts two front-loaded outward facing Ortronics® Series II inserts.

PART NO.	DESCRIPTION
PDB2CM-FW PDB2CM-V PDB2CM-WH	CM DATA BOX – Surface mount box for use with Eclipse Raceway or standalone application. Has two 1/2" trade size KOs. Accepts two front-loaded downward-facing Pass & Seymour® Activate or Wiremold Open System communication modules.

PART NO.	DESCRIPTION
PBB4TJ-FW PBB4TJ-V PBB4TJ-WH	BEZEL BOX – Surface mount box for use with Eclipse Raceway or standalone application. Accepts four front-loaded outward facing Ortronics® TracJack inserts.

PART NO.	DESCRIPTION
PDB2TJ-FW PDB2TJ-V PDB2TJ-WH	TRACJACK DATA BOX – Surface mount box for use with Eclipse Raceway or standalone application. Has one 1/2" trade size KO. Accepts two front-loaded downward facing Ortronics® TracJack inserts.

400, 800, 2300 & 2300D SERIES™ RACEWAYS

Two-piece, single- and dual-channel, low profile raceway. Easy-to-install and ideal for power or communication installations.

- 400, 800, 2300 & 2300D Series™ Raceways UL Code Reference 102
- 400, 800, 2300 & 2300D Series™ Raceways Color Options..... 102
- 400, 800, 2300 & 2300D Series™ Raceways System Layout 102
- 400 Series™ Raceway Wire Fill Capacity Charts 103
- 400 Series™ Raceway Ordering Information 103
- 800 Series™ Raceway Wire Fill Capacity Charts 104
- 800 Series™ Raceway Ordering Information 104
- 2300/2300D Series™ Raceway Wire Fill Capacity Charts 105
- 2300/2300D Series™ Raceway Ordering Information 105
- 400, 800, 2300 & 2300D Series™ Raceways Device Boxes Ordering Information 107
- 400, 800, 2300 & 2300D Series™ Raceways Interconnectivity Fittings Chart 108
- 400, 800, 2300 & 2300D Series™ Raceways Installation Details 109



400, 800, 2300 & 2300D Series Raceway profiles.

CODE REFERENCE

cULus Listed Raceway:
File E90378 Guide RJTX.
Complies with flammability requirements of UL-5A.

Fittings:
File E90377 Guide RJYT.

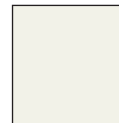
Meets Article 388 of NEC.
UL Listed for up to 600V.

Meets Section 12-1600 of CEC.

400, 800, 2300 & 2300D SERIES RACEWAYS COLOR OPTIONS

400, 800, 2300 Series Raceway Part Numbers with a "-WH" suffix have a white finish. Part Numbers without a suffix have an ivory finish. 400, 800, 2300 Series Raceways are paintable using latex paint.

Custom color options are also available. Consult the factory for more information.



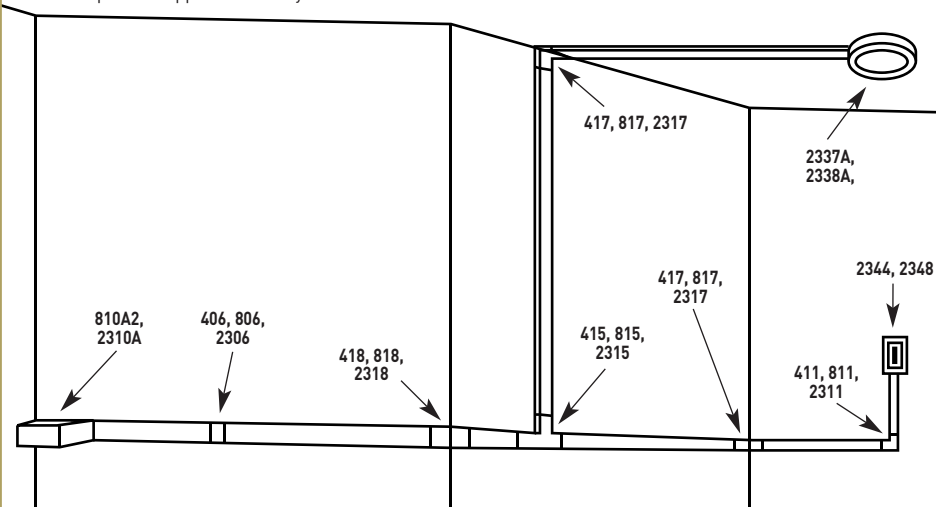
Ivory



White

400, 800, 2300 & 2300D SERIES RACEWAYS SYSTEM LAYOUT

NOTE: Illustration is for showing product applications only.



KEY

406, 806, 2306	Cover Clip
411, 811, 2311, 2311DFO	Flat Elbow Fitting
810A2, 2310A, 2310DFO	Entrance End Fitting
415, 815, 2315	Tee
417, 817, 2317, 2317DFO	Internal Elbow
418, 818, 2318, 2318DFO	External Elbow
2337A, 2338A	Round Device Boxes
2344, 2347, 2348	Sure-Snap Device Boxes

400 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

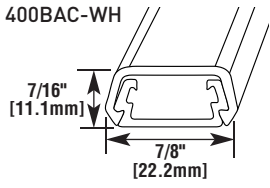
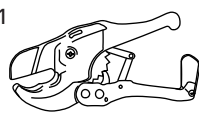
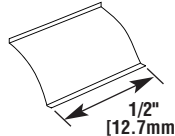
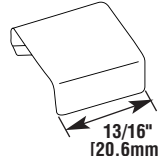
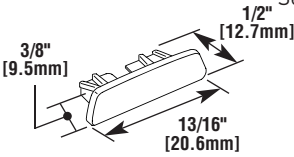
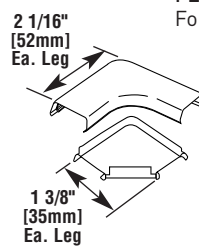
	CABLE/WIRE SIZE	O.D. (Approx. Dia.) Inches [mm]	40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190 [4.8]	1
	4-pair, 24 AWG, Cat 5e	0.210 [5.3]	1
	4-pair, 24 AWG, Cat 6	0.250 [6.3]	1
	4-pair, 24 AWG, Cat 6a*	0.354 [8.9]	0
	25-pair, 24 AWG	0.410 [10.4]	0
COAXIAL	RG6/U	0.270 [6.9]	0
FIBER	ZipCord	0.118 x 0.236 [3 x 6]	1
	Round 4 Strand Fiber	0.187 [4.8]	1
	Round 6 Strand Fiber	0.256 [6.5]	1

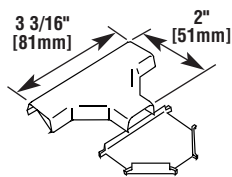
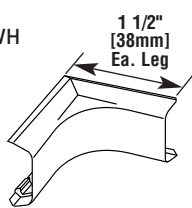
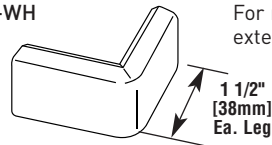
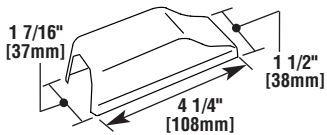
400 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	Inches	O.D. [mm]	NUMBER OF CONDUCTORS
14 AWG	0.111	[2.8]	5
12 AWG	0.130	[3.3]	3
10 AWG	0.164	[4.2]	0

NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

400 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION
400BAC 400BAC-WH	RACEWAY BASE & COVER – Low-profile, two-piece raceway with durable, textured PVC ivory or white finishes. Available in 5' [1.52m] lengths. Packed 100' [30.5m] per carton. Supplied with wide adhesive tape along its entire length. 
PVC-1	PVC RACEWAY CUTTER – Regular duty cutter. Ideal for use with small nonmetallic raceways. 
400WC	WIRE CLIP – For holding conductors in place. 
406 406-WH	COVER CLIP – For covering joint where two pieces of 400BAC Series Raceway Cover come together. 
410B 410B-WH	BLANK END FITTING – For closing open end of 400BAC Series Raceway. 
411 411-WH	FLAT ELBOW – For right angle turns on same surface. 

PART NO.	DESCRIPTION
415 415-WH	TEE – For branching of raceway running at right angles. 
417 417-WH	INTERNAL ELBOW – For right angle turns around internal corners. 
418 418-WH	EXTERNAL ELBOW – For right angle turns around external corners. 
810A2 810A2-WH	ENTRANCE END FITTING – For connecting 400 or 800 Series Raceway with 1/2" trade size conduit or armored cable. 1/2" trade size KO on end and bottom. 

NOTE: Device Boxes for 400 Series Raceway can be found on pages located at the end of this product section.

800 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

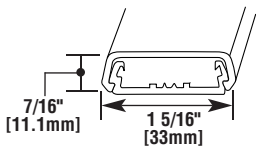
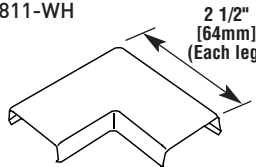
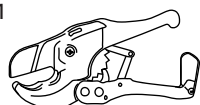
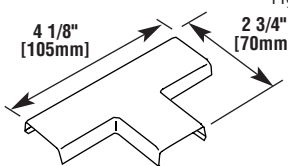
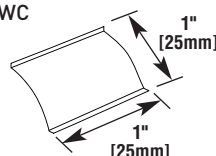
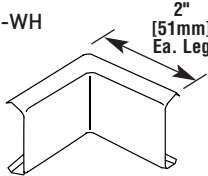
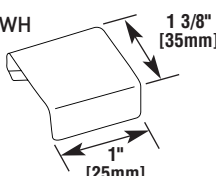
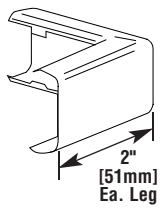
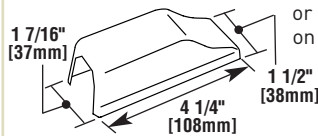
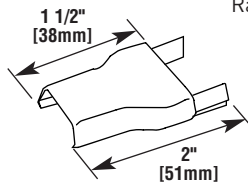
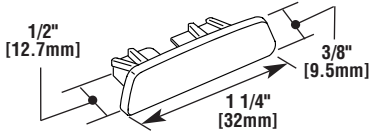
	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	3
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	3
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	2
	4-pair, 24 AWG, Cat 6a*	0.354	[8.9]	1
	25-pair, 24 AWG	0.410	[10.4]	0
COAXIAL	RG6/U	0.270	[6.9]	1
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	3
	Round 4 Strand Fiber	0.187	[4.8]	3
	Round 6 Strand Fiber	0.256	[6.5]	2

800 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D.		NUMBER OF CONDUCTORS
	Inches	[mm]	
14 AWG	0.111	[2.8]	6
12 AWG	0.130	[3.3]	5
10 AWG	0.164	[4.2]	4

NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

800 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
800BAC 800BAC-WH	RACEWAY BASE & COVER – Low-profile, two-piece raceway with durable, textured PVC ivory or white finishes. Available in 5' [1.52m] lengths. Packed 100' [3.05m] per carton. Supplied with wide adhesive tape along its entire length. 	811 811-WH	FLAT ELBOW – For right angle turns on same surface. 
PVC-1	PVC RACEWAY CUTTER – Regular duty cutter. Ideal for use with small nonmetallic raceways. 	815 815-WH	TEE – For branching of raceway running at right angles. 
800WC	WIRE CLIP – For holding conductors in place. 	817 817-WH	INTERNAL ELBOW – For right angle turns around internal corners. 
806 806-WH	COVER CLIP – For covering joint where two pieces of 800BAC Series Raceway Cover come together. 	818 818-WH	EXTERNAL ELBOW – For right angle turns around external corners. 
810A2 810A2-WH	ENTRANCE END FITTING – For connecting 400 or 800 Series Raceway with 1/2" trade size conduit or armored cable. 1/2" trade size KO on end and bottom. 	889A 889A-WH	REDUCING CONNECTOR – For transitioning from 800 Series Raceway to 400 Series Raceway. 
810B 810B-WH	BLANK END FITTING – For closing open end of 800BAC Series Raceway. 		

NOTE: Device Boxes for 800 Series Raceway can be found on pages located at the end of this product section.

2300 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	11
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	9
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	6
	4-pair, 24 AWG, Cat 6a*	0.354	[8.9]	3
	25-pair, 24 AWG	0.410	[10.4]	2
COAXIAL	RG6/U	0.270	[6.9]	5
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	12
	Round 4 Strand Fiber	0.187	[4.8]	12
	Round 6 Strand Fiber	0.256	[6.5]	6

2300 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D.		NUMBER OF CONDUCTORS
	Inches	[mm]	
14 AWG	0.111	[2.8]	25
12 AWG	0.130	[3.3]	18
10 AWG	0.164	[4.2]	12

2300D SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL (Ea. Comp.)
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	5
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	4
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	3
	4-pair, 24 AWG, Cat 6a*	0.354	[8.9]	1
	25-pair, 24 AWG	0.410	[10.4]	1
COAXIAL	RG6/U	0.270	[6.9]	2
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	6
	Round 4 Strand Fiber	0.187	[4.8]	6
	Round 6 Strand Fiber	0.256	[6.5]	3

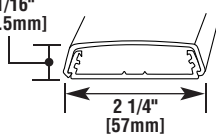
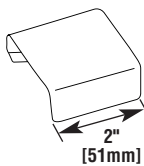
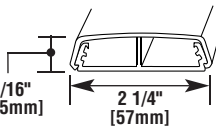
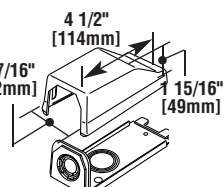
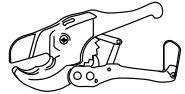
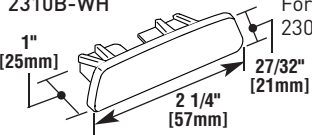
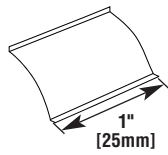
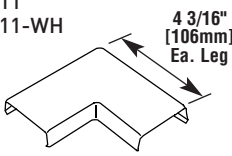
2300D SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D.		NO. OF CONDUCTORS (Each Compartment)
	Inches	[mm]	
14 AWG	0.111	[2.8]	12
12 AWG	0.130	[3.3]	8
10 AWG	0.164	[4.2]	5

NOTE: For additional information, refer to the Technical Section.

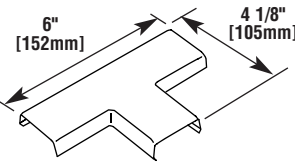
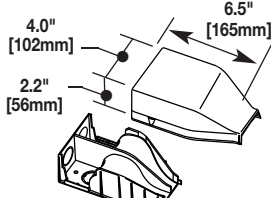
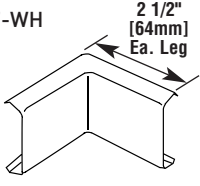
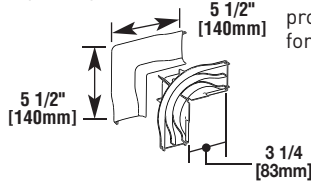
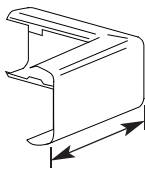
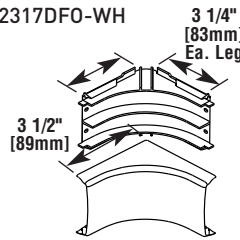
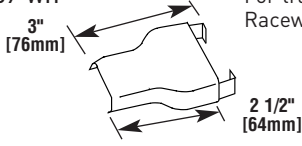
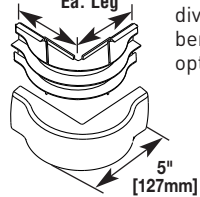
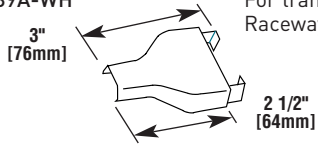
* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

2300/2300D SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
2300BAC 2300BAC-WH 11/16" [17.5mm]	RACEWAY BASE & COVER – Low-profile, two-piece raceway with durable, textured PVC ivory or white finishes. Available in 5' [1.52m] lengths. Packed 50' [15.2m] per carton. Supplied with wide adhesive tape along its entire length. 	2306 2306-WH 	COVER CLIP – For covering joint where two pieces of 2300BAC and 2300BACD Series Raceway Cover come together.
2300BACD 2300BACD-WH 11/16" [17.5mm]	DIVIDED RACEWAY BASE & COVER – Low-profile, two-piece raceway with durable, textured PVC ivory or white finishes. Available in 5' [1.52m] lengths. Supplied with wide adhesive tape along its entire length. 	2310A 2310A-WH 	ENTRANCE END FITTING – For connecting 2300 Series Raceway with 1/2", 3/4", or 1" trade size conduit or armored cable. 1/2" and 3/4" trade size KO on end, 1/2", 3/4", and 1" trade size KOs on bottom.
PVC-1 	PVC RACEWAY CUTTER – Regular duty cutter. Ideal for use with small nonmetallic raceways.	2310B 2310B-WH 	BLANK END FITTING – For closing open end of 2300BAC and 2300BACD Series Raceways.
2300WC 	WIRE CLIP – For holding conductors in place.	2311 2311-WH 	FLAT ELBOW – For right angle turns on same surface.

NOTE: Device Boxes for 2300 and 2300D Series Raceway can be found on pages located at the end of this product section.

2300/2300D SERIES RACEWAY ORDERING INFORMATION [continued]

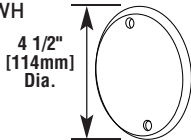
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
2315 2315-WH	TEE – For branching of raceway running at right angles.	2310DFO 2310DFO-WH	RADIUSED DIVIDED ENTRANCE END FITTING – Divided fitting to feed 2300 and 2300 Divided Series Raceway. Includes 1/2", 3/4", and 1" trade size KOs on back and top.
			
2317 2317-WH	INTERNAL ELBOW – For right angle turns around internal corners.	2311DFO 2311DFO-WH	RADIUSED DIVIDED FLAT ELBOW – A 90° flat corner with integral dividers provide 2" [51mm] cable bend radius for UTP and fiber optic installations.
			
2318 2318-WH	EXTERNAL ELBOW – For right angle turns around external corners.	2317DFO 2317DFO-WH	RADIUSED DIVIDED INTERNAL ELBOW – A 90° internal corner with integral dividers provide 2" [51mm] cable bend radius for UTP and fiber optic installations.
			
2389 2389-WH	REDUCING CONNECTOR – For transitioning from 2300 Series Raceway to 800 Series Raceway.	2318DFO 2318DFO-WH	RADIUSED DIVIDED EXTERNAL ELBOW – A 90° external corner with integral dividers provide 2" [51mm] cable bend radius for UTP and fiber optic installations.
			
2389A 2389A-WH	REDUCING CONNECTOR – For transitioning from 2300 Series Raceway to 400 Series Raceway.		
			

NOTE: Device Boxes for 2300 and 2300D Series Raceway can be found on the next page of this product section.

400/800/2300/2300D SERIES RACEWAY DEVICE BOX ORDERING INFORMATION

PART NO. 2336
2336-WH

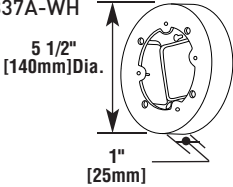
DESCRIPTION **BLANK COVER –**
Use with any nonmetallic round device box to convert into a junction box.



4 1/2" [114mm] Dia.

PART NO. 2337A
2337A-WH

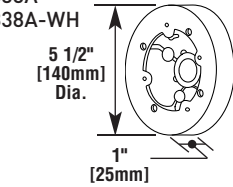
DESCRIPTION **ROUND BOX EXTENSION –**
For hanging fixtures, smoke/fire alarms and other security devices with 3 1/2" [89mm] or 4 1/16" [103mm] mounting centers. 5 1/2" [140mm] diameter with open base. Not for use with fans.



5 1/2" [140mm] Dia.
1" [25mm]

PART NO. 2338A
2338A-WH

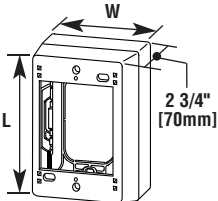
DESCRIPTION **FIXTURE BOX –**
For hanging fixtures, smoke/fire alarms and other security devices with 3 1/2" [89mm] or 4 1/16" [103mm] mounting centers. Has 1/2" trade size KO. Not for use with fans.



5 1/2" [140mm] Dia.
1" [25mm]

PART NO. 2344
2344-WH
2344-2
2344-2WH

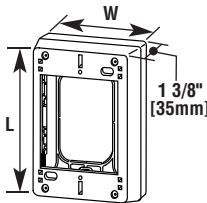
DESCRIPTION **EXTRA DEEP DEVICE BOX –**
2344 one-gang, 2344-2 two-gang. Two-gang base has rectangular KO to enable extension from existing single-gang flush wallbox and 1/2" and 1" trade size concentric KOs. Accepts industry standard faceplates for switch and communication devices.



CAT. NO.	L	W	GANG
2344	4 3/4" [121mm]	3" [76mm]	1
2344-2	4 3/4" [121mm]	4 7/8" [124mm]	2

PART NO. 2347
2347-WH
2347-2
2347-2WH

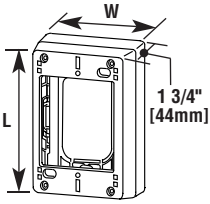
DESCRIPTION **DEVICE BOX –**
2347 one-gang, 2347-2 two-gang. For standard switches and devices. 2347 Base has rectangular KO. 2347-2 Base has rectangular KO to enable extension from existing flush wall box and 1/2" and 1" concentric KOs. Accepts industry standard faceplates for switch and communication devices.



CAT. NO.	L	W	GANG
2347	4 3/4" [121mm]	3" [76mm]	1
2347-2	4 3/4" [121mm]	4 7/8" [124mm]	2

PART NO. 2348
2348-WH
2348-2
2348-2WH
2348-3
2348-3WH

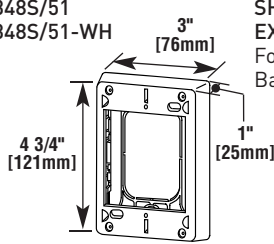
DESCRIPTION **DEEP DEVICE BOX –**
2348 one-gang, 2348-2 two-gang, 2348-3 three-gang. For deeper switches and devices. 2348 Base has rectangular KO. 2348-2 and 2348-3 Bases have rectangular KO to enable extension from existing flush wall box and 1/2" and 1" concentric KOs. Accepts industry standard faceplates for switch and communication devices.



CAT. NO.	L	W	GANG
2348	4 3/4" [121mm]	3" [76mm]	1
2348-2	4 3/4" [121mm]	4 7/8" [124mm]	2
2348-3	4 3/4" [121mm]	7" [178mm]	3

PART NO. 2348S/51
2348S/51-WH

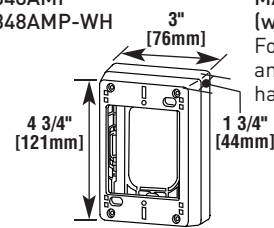
DESCRIPTION **SHALLOW DEVICE BOX/ EXTENSION BOX –**
For shallow switches and receptacles. Base has rectangular KO.



3" [76mm]
4 3/4" [121mm]
1" [25mm]

PART NO. 2348AMP
2348AMP-WH

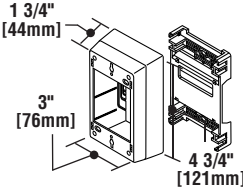
DESCRIPTION **MAGNETIC DEEP DEVICE BOX (with Grommet) –**
For deeper switches and devices, and has magnetic backing. Base has rectangular KO.



3" [76mm]
4 3/4" [121mm]
1 3/4" [44mm]

PART NO. 2348D
2348D-WH

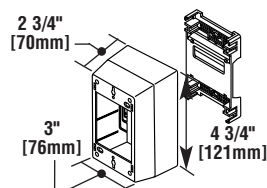
DESCRIPTION **DEVICE BOX –**
For use with 2300 Series Divided Raceway. For mounting standard switches, receptacles, and industry standard faceplates for communication devices.



1 3/4" [44mm]
3" [76mm]
4 3/4" [121mm]

PART NO. 2344D
2344D-WH

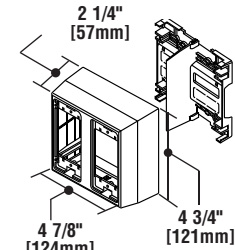
DESCRIPTION **EXTRA DEEP DEVICE BOX –**
For use with 2300 Series Divided Raceway when additional depth is required. For mounting standard switches, receptacles and industry standard faceplates for communication devices.



2 3/4" [70mm]
3" [76mm]
4 3/4" [121mm]

PART NO. 2344SD-2A
2344SD-2AWH

DESCRIPTION **TWO-GANG DEEP DIVIDED DEVICE BOX –**
Divided two-gang box for use with 2300 Series Divided Raceway. Provides the ability to have both power and low voltage at a single point of use. Utilizes 5507 Series™ faceplates, as well as Wiremold Open System communication modules, Ortronics® TracJack, and Pass & Seymour® Activate Series inserts. For faceplate options, see 5507 Series™ Faceplates.

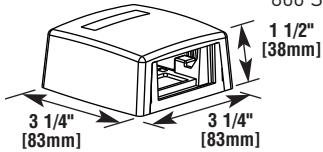


2 1/4" [57mm]
4 7/8" [124mm]
4 3/4" [121mm]

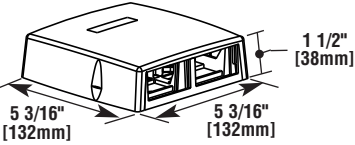
NOTE: CM-EPLA End Plates are required when using Wiremold CM2 communication modules and Pass & Seymour® Activate inserts. S2-EPL End Plates are required when using Ortronics® Series II inserts. To mount TracJack modules, use 55074TJ or 55076TJ Faceplates.

400/800/2300 SERIES RACEWAY DEVICE BOX ORDERING INFORMATION (continued)

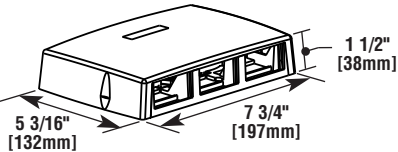
PART NO.	DESCRIPTION
CM-MMB-231 CM-MMB-231-WH	ONE INSERT MULTIMEDIA BOX – Accepts one CM2 size Wiremold Open System communication module or Pass & Seymour® Activate Series insert. Compatible with Wiremold 400 and 800 Series Raceways.



PART NO.	DESCRIPTION
CM-MMB-232 CM-MMB-232-WH	TWO INSERT MULTIMEDIA BOX – Fiber storage loop. Accepts two CM2 size Wiremold Open System communication modules or Pass & Seymour® Activate Series inserts. Compatible with Wiremold 400, 800, and 2300 Series Raceways.



PART NO.	DESCRIPTION
CM-MMB-233 CM-MMB-233-WH	THREE INSERT MULTIMEDIA BOX – Fiber storage loop. Accepts three CM2 size Wiremold Open System communication modules or Pass & Seymour® Activate Series inserts. Compatible with Wiremold 400, 800, and 2300 Series Raceways.

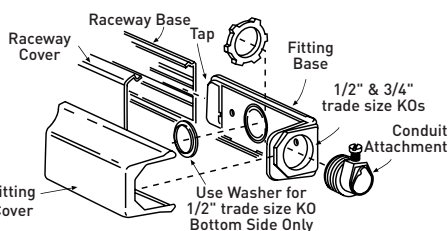


400/800/2300 SERIES RACEWAY INTERCONNECTIVITY FITTINGS

CONNECTION REQUIRED		USE CATALOG NUMBER
FROM	TO	
800 Series Raceway	400 Series Raceway	889A
2300 Series Raceway	400 Series Raceway	2389A
2300 Series Raceway	800 Series Raceway	2389
Existing Outlet	400, 800, 2300 Series Raceways	2348S/51
1/2" trade size Conduit	400, 800 Series Raceways	810A2
1/2" or 3/4" trade size Conduit	2300 Series Raceway	2310A
3" [76mm] or 4" [102mm] Ceiling Boxes	400, 800, 2300 Series Raceways	2337A

400, 800, 2300 SERIES RACEWAYS INSTALLATION DETAILS

- Bring in and connect feed wires using approved connection method. Assemble raceway cover to butt against the fitting base. Snap fitting cover onto base.



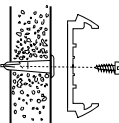
Install Base:

400BAC, 800BAC, 2300BAC

The adhesive on the 400BAC, 800BAC, 2300BAC and 2300BACD is intended to be used as an installation aid for positioning the product. Applications with power wire, screw fasteners must be used in addition to the adhesive. Applications with communication cable only, screw fasteners are recommended in addition to the adhesive.

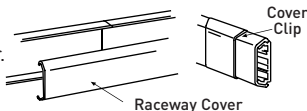
For low-voltage applications – 400BAC can be mounted with adhesive only (screw fasteners may be required depending on the cable quantity and size); 800BAC and 2300BAC require screw fasteners at 18" [457mm] intervals in addition to the adhesive.

Peel release paper from adhesive strip and mount immediately to surface. Adhesive-backed raceway should be mounted to a clean, dry, grease-free, smooth surface. Apply pressure along entire raceway base to insure proper adhesion.



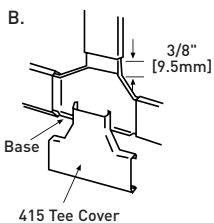
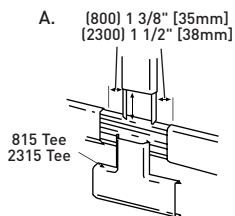
- To install runs of raceway cover:

Measure distance from fitting to fitting. Cut required length of cover. When two raceway sections butt together, cover sections should span base joints for maximum rigidity. When two raceway cover sections butt together, use cover clip as shown [406/806/2306].



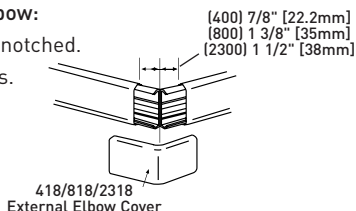
- Notching for Tee:

- Make two cuts on side of base to be notched. Notch to equal width of base. Break clean with pliers.
- Butt 400BAC Raceway Base to base of 415 Tee. Screw tee fitting base to wall. Cut 400BAC Raceway Cover 3/8" [95mm] shorter than base. Snap on 415 Tee.



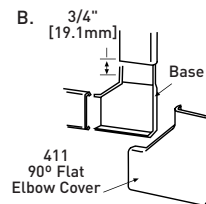
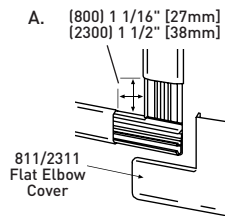
- Notching for External Elbow:

- Cut side of base to be notched.
- Break clean with pliers.



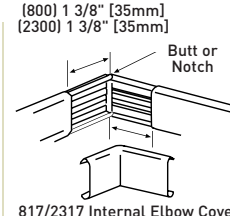
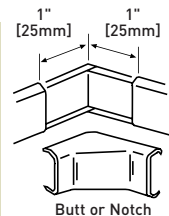
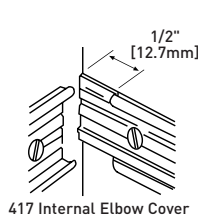
- Notching for Flat Elbow:

- Cut side of base to be notched. Notch to equal width of base. Break clean with pliers.
- Butt 400BAC Raceway Base to base of 411 Flat Elbow. Screw flat elbow base to wall. Cut 400BAC Raceway Cover 3/8" [9.5mm] shorter than base. Snap on 411 Flat Elbow Cover.

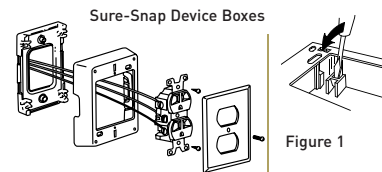


- Notching for Internal Elbow:

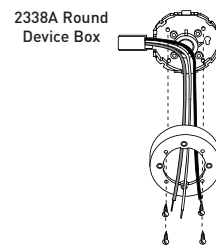
- Cut side of base to be notched.
- Break clean with pliers.



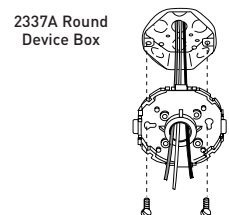
- All Sure-Snap® device boxes are packaged unassembled for easy installation. During shipment the base and cover pieces may snap together. To unsnap the cover from base, place the blade of a screwdriver into the locking tab (Figure 1). Push downward and gently pry the cover from the base. Repeat at each corner if necessary.



- Mount the cover to the base by aligning key on the inside of the cover with one of the grooves on the base. Assemble with four screws. (Tap screws to seat.)



- Pull wiring through the center knockout and attach the base directly to in-ceiling box.



ACCESS® 5000 SERIES RACEWAY

Attractive baseboard molding that organizes and conceals electrical wiring and communications cabling.

Access® 5000 Series Raceway UL Code Reference 110
 Access® 5000 Series Raceway Color Options..... 110
 Access® 5000 Series Raceway System Layout 110
 Access® 5000 Series Raceway Wire Fill Capacity Charts 111
 Access® 5000 Series Raceway Ordering Information 111
 Access® 5000 Series Raceway Installation Details 113



Access 5000 Series' attractive, low profile baseboard design blends with any decor.

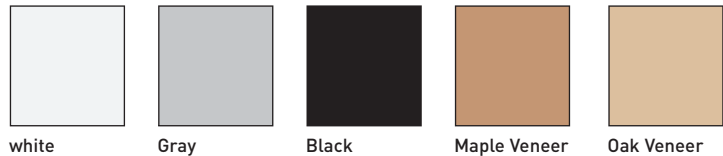
CODE REFERENCE

cULus Listed Raceway:
 File E90378 Guide RJTX.
 Complies with flammability requirements of UL-5A.

Fittings:
 File E90377 Guide RJYT.
 Meets Article 388 of NEC.
 UL Listed for up to 600V.
 Meets Section 12-1600 of CEC.

ACCESS 5000 SERIES RACEWAY COLOR OPTIONS

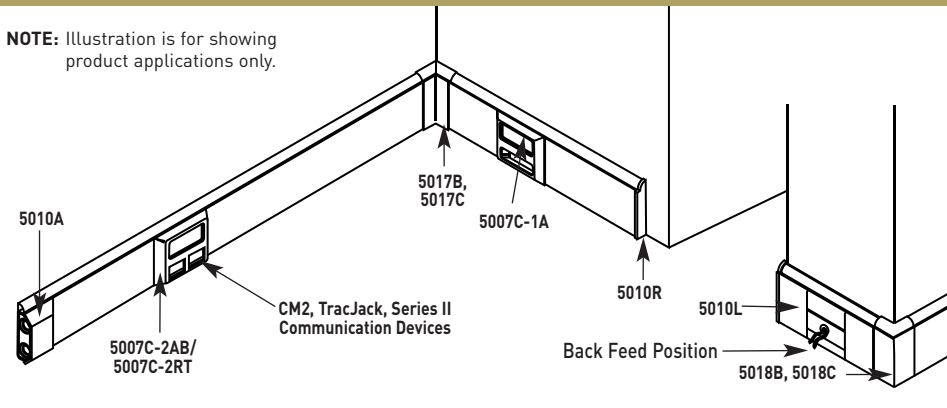
Access® 5000 Series Raceway Part Numbers with a "WH" suffix are available with a white PVC finish. Part Numbers with a "BK" suffix are available with a black PVC finish. Part Numbers with a "GY" suffix are available with a gray PVC finish. Part Numbers with a "W" suffix are available in a real maple veneer finish. Part Numbers with a "OA" suffix are available with a real oak veneer finish.



Custom color options are also available. Consult the factory for more information.

ACCESS 5000 SERIES RACEWAY SYSTEM LAYOUT

NOTE: Illustration is for showing product applications only.



KEY

5007C-1A	Device Bracket
5007C-2AB/ 5007C-2RT	Deep Device Bracket
5010A	Entrance End Feed
5010L	Left End Cap
5010R	Right End Cap
5017B	Internal Base Elbow
5017C	Internal Cover Elbow
5018B	External Base Elbow
5018C	External Cover Elbow
CM2	Communication Device
Series II	Communication Device
TracJack	Communication Device

Why Wiremold . . .

To meet the needs of today's students in this older dormitory, Access® 5000 raceway was installed along the floor, where it doubles as a baseboard while providing power outlets and connections for voice, data, and video. Raceway covers and moldings were custom colored to match the color scheme.



ACCESS 5000 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

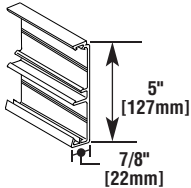
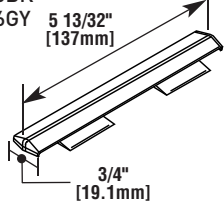
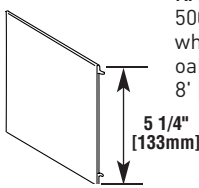
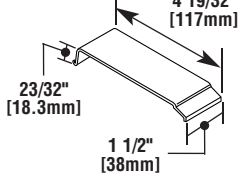
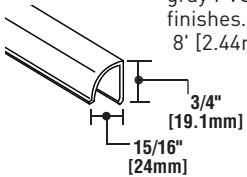
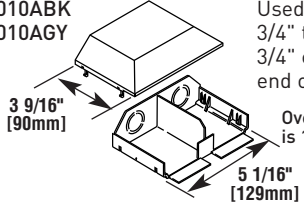
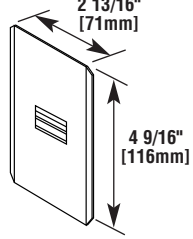
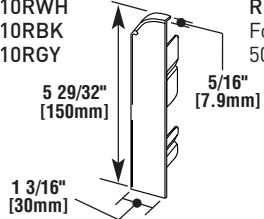
WIRE SIZE THHN/THWN	O.D.		NUMBER OF CONDUCTORS TOP COMPARTMENT
	Inches	[mm]	
14 AWG	0.111	[2.8]	24
12 AWG	0.130	[3.3]	20
10 AWG	0.164	[4.2]	12

ACCESS 5000 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

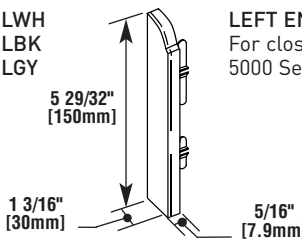
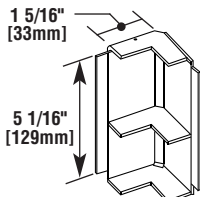
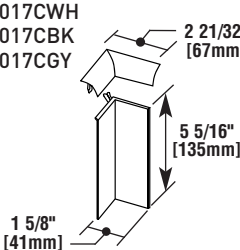
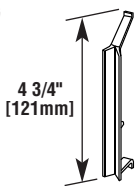
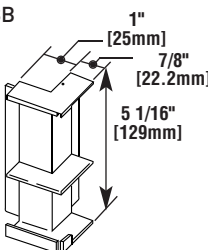
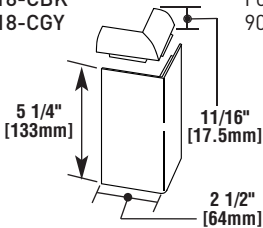
	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		TOP COMP.	BOTTOM COMP.
		Inches	[mm]	40% FILL	40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	27	19
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	22	16
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	15	11
	4-pair, 24 AWG, Cat 6a*	0.354	[8.9]	7	5
	25-pair, 24 AWG	0.410	[10.4]	5	4
COAXIAL	RG6/U	0.270	[6.9]	13	9
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	27	20
	Round 4 Strand Fiber	0.187	[4.8]	28	20
	Round 6 Strand Fiber	0.256	[6.5]	15	10

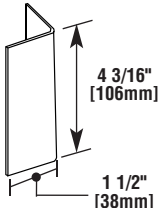
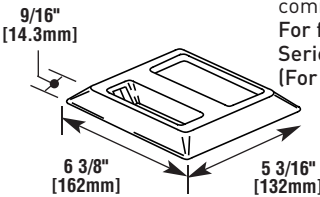
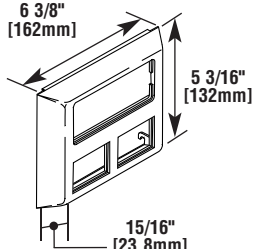
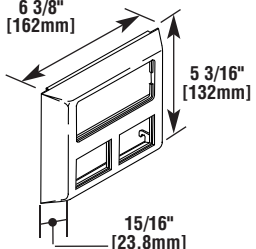
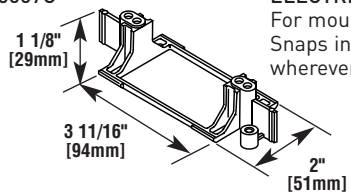
NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet - max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

ACCESS 5000 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
5000B	 <p>RACEWAY BASE - 5000B Base has an integral divider forming two channels for power and low-voltage separation. Base supplied in 8' [2.44m] lengths, packed 80' [24.4m] per carton. (Base is not visible in a typical finished installation.)</p>	5006WH 5006BK 5006GY	 <p>COVER CLIP - For covering joint where two pieces of Access 5000 Series Raceway Cover come together.</p>
5000CWH 5000CW 5000COA 5000CBK 5000CGY	 <p>RACEWAY COVER - 5000C Cover is available standard in white, black, or gray PVC or maple and oak veneer finishes. Covers supplied in 8' [2.44m] lengths.</p>	5006A	 <p>INTERNAL WIRE GUARD - Use inside the base. Protects inside wires and cables from gap behind butted cover sections. Installed when the 5006 Cover Clips are not used.</p>
5000TWH 5000TW 5000TOA 5000TBK 5000TGY	 <p>QUARTER-ROUND TRIM - Trim Cover available in white, black, or gray PVC or maple and oak veneer finishes. Trim covers supplied in 8' [2.44m] lengths.</p>	5010AWH 5010ABK 5010AGY	 <p>ENTRANCE END FITTING - Used to connect Access 5000 to 1/2" or 3/4" trade size conduit. Has one 1/2" or 3/4" concentric KO for both channels in end only. Overall Assembled Depth is 1 15/16" [49mm].</p>
5001	 <p>BASE COUPLING - Use for aligning base sections.</p>	5010RWH 5010RBK 5010RGY	 <p>RIGHT END CAP - For closing right end of Access 5000 Series Raceway Base.</p>

ACCESS 5000 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
5010LWH 5010LBK 5010LGY	LEFT END CAP – For closing left end of Access 5000 Series Raceway Base.
	
5017B	INTERNAL ELBOW BASE – For mounting base at 90° internal corners.
	
5017CWH 5017CBK 5017CGY	INTERNAL ELBOW COVER – For mounting cover and trim cover at 90° internal corners.
	
5017WG	INTERNAL ELBOW WIRE GUARD – Protects wiring at mitered internal cover; snaps into 5017B Base Elbow. Not needed when 5017C Internal Cover Elbow is used.
	
5018B	EXTERNAL BASE ELBOW – For mounting base at 90° external corners.
	
5018-CWH 5018-CBK 5018-CGY	EXTERNAL COVER ELBOW – For mounting cover and trim cover at 90° external corners.
	

PART NO.	DESCRIPTION
5018WG	EXTERNAL ELBOW WIRE GUARD – Installs at a mitered external elbow joint behind the covers to protect sharp objects from being inserted. Not needed when the external cover elbow is used.
	
5007C-1AWH 5007C-1ABK 5007C-1AGY	DEVICE PLATE – External device cover; for mounting one standard device and up to two communication connections. For faceplate options, see 5507 Series™ Faceplates. (For power side only.)
	
5007C-2ABWH 5007C-2ABBK 5007C-2ABGY	DEEP DEVICE PLATE – For mounting deeper devices such as TVSS receptacles, GFCI devices, and Pass & Seymour® Activate inserts. Accepts 5507 Series™ Faceplates, 2A size Activate inserts, and Open System communication modules. Bezels included. For faceplate options, see 5507 Series™ Faceplates.
	
5007C-2RTWH 5007C-2RTBK 5007C-2RTGY	DEEP DEVICE PLATE – For mounting deeper devices such as TVSS receptacles, GFCI devices, and Pass & Seymour® Activate inserts. Accepts 5507 Series™ Faceplates, Ortronics® TracJack, and Series II Inserts. Bezels included. For faceplate options, see 5507 Series™ Faceplates.
	
5007C	ELECTRICAL DEVICE BRACKET – For mounting standard devices. Snaps into top section of base wherever an outlet is needed.
	

ACCESS 5000 SERIES RACEWAY ORDERING INFORMATION (continued)

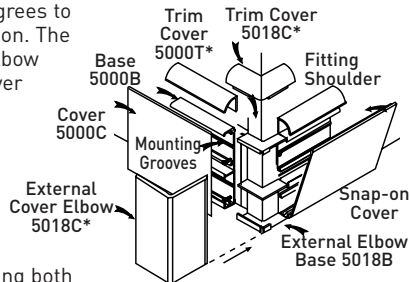
PART NO.	DESCRIPTION
5005WH 5005BK 5005GY	LOW-VOLTAGE BLANK PLATE – Blanks entire low-voltage recess in device plate. For use with 5007C-1AXX only.
5004WH 5004W 5004OA 5004BK 5004GY	BLANK/COAX ADAPTER – For use as a blanks; has KO to accept an "F" type coax connector. Snaps into low-voltage slots on device plates. For use with 5007C-1AXX only.

PART NO.	DESCRIPTION								
2700WC 2800WC 2900WC	WIRE CLIP – Holds and secures wiring and cabling inside raceway. Mounts with adhesive backing. 2700WC is used for small bundles. 2800WC is used for bigger bundles. 2900WC is used for larger bundles in the top section only.								
<table border="1"> <thead> <tr> <th>CAT. NO.</th> <th>W</th> </tr> </thead> <tbody> <tr> <td>2700WC</td> <td>3/4" [19.1mm]</td> </tr> <tr> <td>2800WC</td> <td>1" [25mm]</td> </tr> <tr> <td>2900WC</td> <td>1 1/2" [38mm]</td> </tr> </tbody> </table>		CAT. NO.	W	2700WC	3/4" [19.1mm]	2800WC	1" [25mm]	2900WC	1 1/2" [38mm]
CAT. NO.	W								
2700WC	3/4" [19.1mm]								
2800WC	1" [25mm]								
2900WC	1 1/2" [38mm]								

ACCESS 5000 SERIES RACEWAYS INSTALLATION DETAILS

1. For Corners Using Molded Fittings:

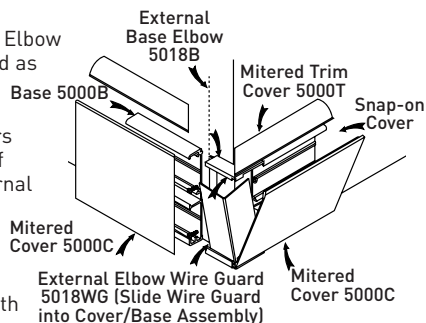
Corners must be 90 degrees to ensure proper installation. The 5018B External Base Elbow and 5018C External Cover Elbow are installed as shown. Butt the 5000B Base against the 5018B Fitting Shoulder before mounting. The 5000T Trim Cover is installed first, then the 5000C is snapped in place, aligning both with the 5018B fitting shoulder.



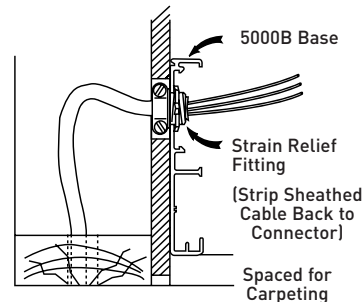
The 5018C External Cover Elbow is installed by engaging the right-hand side of the cover with the 5018B Base and sliding until the left side top and bottom snap in. The 5018C External Cover Elbow is then snapped in place overlapping the 5000T Trim Covers and interlocking under the 5018C External Cover.

2. For Mitered Corners:

The 5018WG External Base Wire Guard is installed as shown inside the 5018B External Base Elbow when the covers are mitered instead of using the 5018C External Cover Elbow. It is recommended that the covers be mitered first and fitted before cutting to proper length to minimize waste. For ease of installation, the covers should be installed starting at the mitered corners. As with the corner fittings, install the 5000T Trim Cover first, then snap the 5000C Covers in place.

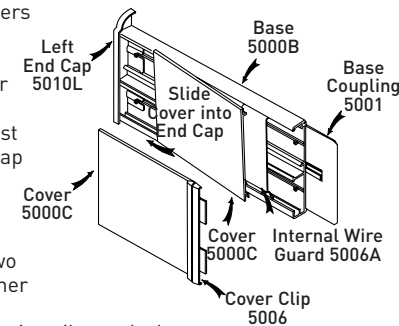


3. This illustration shows an example of a back feed using a nonmetallic sheathed cable. Punch or drill up to 3/4" trade size hole in the top compartment for feeding power or communication wiring. Make sure to allow space between the bottom of the 5000B Base if on a subfloor to allow for the finished floor or carpeting.



NOTE: If baseboard 5000 is to be used without trim covers (5000T), cover (5000C) should be mitered.

4. The 5006 Cover Clip is installed between two covers to hide an uneven joint. Snap one cover onto the Base, slide the 5006 Cover Clip over the end of the other cover, butt up against the installed cover and snap into place.



The 5006A Internal Wire Guard is used behind the covers as shown where two pieces of cover butt together instead of using the 5006 Cover Clip. This option is primarily used when a wood veneer finish is used and the look of an exposed cover clip is not wanted.

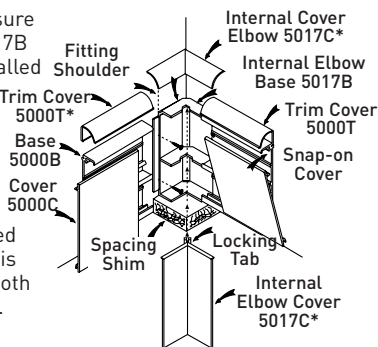
A 5010L or 5010R Left or Right End Cap is installed as shown at the end of a base run before mounting. The 5000T Trim Cover and the 5000C Cover are installed by partially snapping them in place onto the 5000B Base, installing the 5000T first, and sliding them to the end of the end caps. The rest of the cover is then snapped progressively onto the base.

An optional 5001 Base Coupling can be installed as shown to assist alignment when butting two 5000B Bases together.

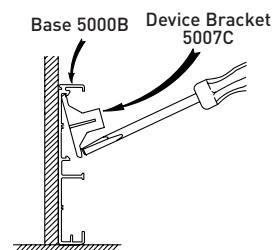
ACCESS 5000 SERIES RACEWAYS INSTALLATION DETAILS (continued)

5. For Corners Using Molded Fittings:

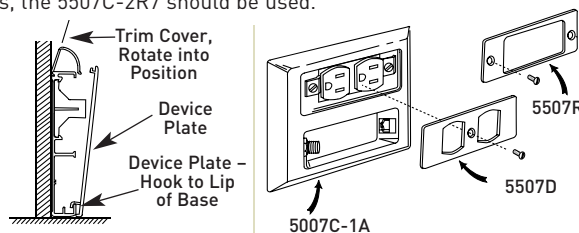
Corners must be 90° to ensure proper installation. The 5017B Internal Base Elbow is installed as shown, using a spacing shim to allow for the finished floor. The 5000B Base butts up to the 5017B Base Elbow at shoulder before mounting. The 5000T Trim Cover is installed first, then the 5000C Cover is snapped in place aligning both with the 5017B Base Elbow. The 5017C Internal Elbow Cover Trim is snapped in place, overlapping the 5000T Trim cover pieces. The 5017C Internal Elbow Cover is then snapped onto the 5017B Base Elbow, overlapping the 5000C Cover pieces. The locking tab on the 5017C Cover Elbow will snap into slots in the back of the 5017B Base Elbow.



8. The 5007C Device Bracket is installed as shown. Insert the bracket in the top compartment, place the blade of a screwdriver on the left bottom tab of the bracket and strike with a hammer. Repeat on the right side. 5007C Device Brackets are mounted anywhere a device is needed, in upper compartment only.

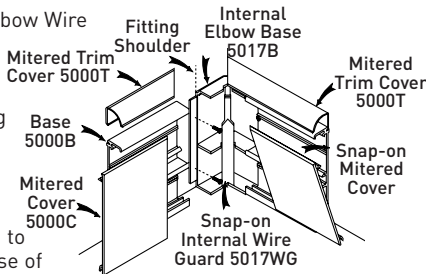


9. The 5007C-1A Device Plate assembles by engaging the hooks on back side of device plate to the bottom lip on the 5000B Base and rotating toward wall. Secure to base using 5507D or 5507R Faceplate. This illustration shows the procedure for installing the 5000T Trim Cover. For deep devices such as GFCI and surge receptacles, or the use of Wiremold Open System communication modules and Pass & Seymour® Activate Series inserts, the 5007C-2A should be used. For Ortronics® Series II or Ortronics® TracJack inserts, the 5007C-2R7 should be used.



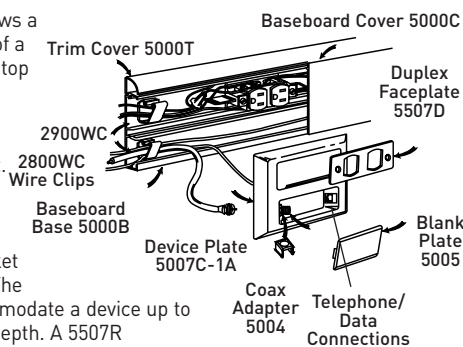
6. For Mitered Corners:

The 5017WG Internal Elbow Wire Guard is snapped into the 5017B Base Elbow when the covers are mitered instead of using the 5017C Cover Elbow. It is recommended that the covers be mitered and fitted first before cutting to proper length to minimize waste. For ease of installation the covers should be installed starting at the mitered corners. As with the corner fittings, install the 5000T Trim Covers first and then snap the 5000C Covers in place.



NOTE: If baseboard 5000 is to be used without trim covers (5000T), cover (5000C) should be mitered and assembled as shown.

7. The illustration shows a typical installation of a duplex outlet in the top compartment and a telephone and coax connection in the lower compartment. To install an outlet in the top compartment, a 5007C Device Bracket must be installed. The raceway will accommodate a device up to 1 1/16" [27mm] in depth. A 5507R Rectangular Faceplate can be used instead of the 5507D Faceplate to accommodate decorative type devices.

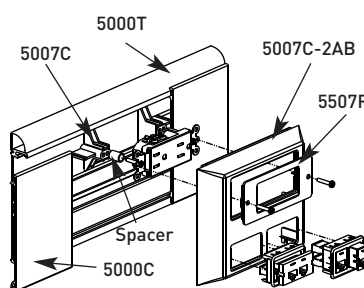


The 2900WC, 2800WC, and 2700WC Wire Clips are used to hold wires and cables within the raceway. Remove the adhesive and mount to the 5000B Base. Suggested spacing between wire clips is 48" [14.6m].

The 5000C Cover is to butt up against the tabs on the 5007C Device Brackets as shown.

The 5007C-1A Device Plate accommodates up to two RJ11 or RJ45 voice or data connectors in the lower compartment. The 5004 Blank/Coax Adapter is used as a blank when only one opening is needed or to adapt an "F" type coax connector. This is done by knocking out the center of the adapter which accepts the "F" connector. The wires are then connected to the 5007C-1A assembly. If no low-voltage connections are needed, the 5005 Blank Plate is used to cover the openings. The 5007C-1A assembly is then mounted to the 5000B Base.

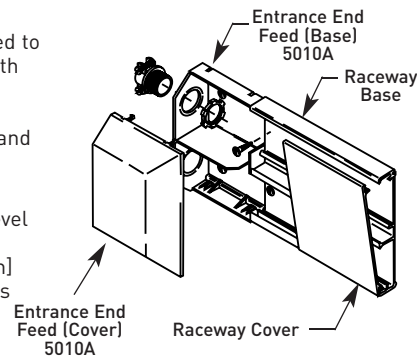
10. Use 5007C-2AB/5007C-2RT for deep devices such as Ground Fault Circuit Interrupters, Surge Protection Outlets and/or communication devices, and may be utilized in the Wiremold Access 5000 Raceway System using this 5007C-2AB/5007C-2RT Deep Device Plate.



Twist off the two spacers attached to the 5007C Device Bracket. Snap the 5007C Device Bracket into the base channel provided. Assemble the device to the device bracket, utilizing the spacers. Assemble the deep device plate to the raceway base. Engage the hooks, located next to the double window opening, to the lower (large) lip of the raceway base. Rotate the device plate toward the wall snapping it into place. Assemble the desired 5507 Faceplate with Wiremold Open System communication modules, Ortronics® TracJack and Series II inserts, or Pass & Seymour® Activate Series inserts.

11. The 5010A Entrance End Feed provides an end feed to Access 5000 Raceway with 1/2" or 3/4" trade size conduit. Install with side walls of the fitting base and raceway base aligned.

Access 5000 Raceway installed at baseboard level should be spaced a minimum of 1/8" [3.2mm] above the floor level. This will facilitate the assembly/disassembly of the end fitting cover.



CABLESMART® 40N2 SERIES RACEWAY

Two-piece, dual-channel, large raceway. Lightweight and easy-to-install. Ideal for both power and communication installations.

CableSmart® 40N2 Series Raceway UL Code Reference 115
 CableSmart® 40N2 Series Raceway Color Options 115
 CableSmart® 40N2 Series Raceway System Layout 115
 CableSmart® 40N2 Series Raceway Wire Fill Capacity Charts 116
 CableSmart® 40N2 Series Raceway Ordering Information 116
 CableSmart® 40N2 Raceways Interconnectivity Fittings Chart 117
 5507 Series™ Device Plates Ordering Information 129



CableSmart 40N2 Series Raceway is extremely tamper-resistant and ideal for applications where additional security is required.

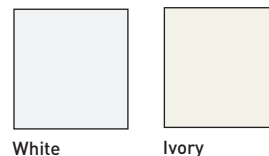
CODE REFERENCE

cULus Listed Raceway:
 File E90378 Guide RJTX.
 Complies with flammability requirements of UL-5A.

Fittings:
 File E90377 Guide RJYT.
 Meets Article 388 of NEC.
 UL Listed for up to 600V.
 Meets Section 12-1600 of CEC.

CABLESMART 40N2 SERIES RACEWAY COLOR OPTIONS

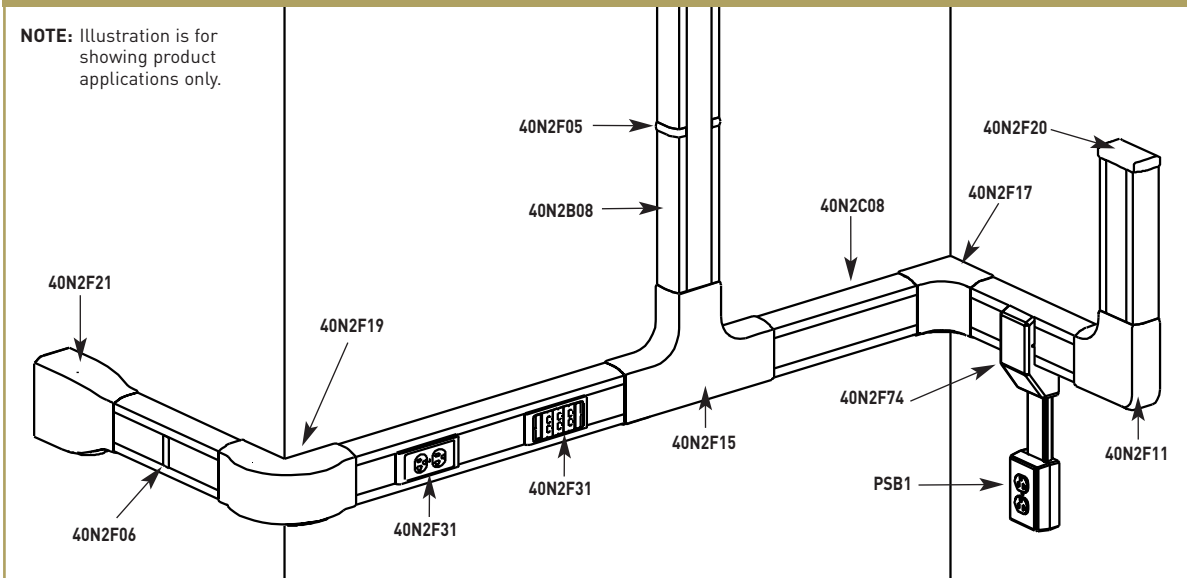
Cablesmart® 40N2 Series Raceway Part Numbers with a “-V” suffix are available in an ivory finish. Part Numbers with a “-WH” suffix have a white finish. 40N2 Series Raceway is paintable using latex paint or stain.



Custom color options are also available. Consult the factory for more information.

CABLESMART 40N2 SERIES RACEWAY SYSTEM LAYOUT

NOTE: Illustration is for showing product applications only.



KEY

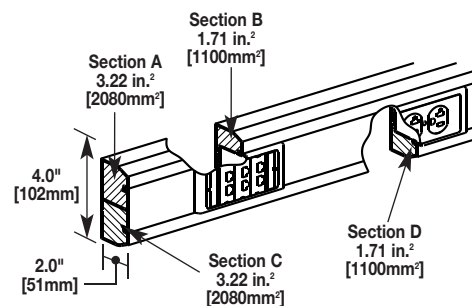
40N2B08	Raceway Base	40N2F15	Bend Radius Tee	40N2F31	Twin Cover Device Bracket
40N2C08	Raceway Cover	40N2 F17	Bend Radius Internal Elbow	40N2F74	Divided Transition Fitting
40N2F05	Base Clip	40N2F19	Bend Radius External Elbow	PSB1	One-Gang Device Box
40N2F06	Cover Clip	40N2 F20	Blank End Fitting		
40N2 F11	Bend Radius Flat Elbow	40N2F21	Divided Entrance End Fitting		

40N2 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D.		NUMBER OF COMPARTMENTS		MAX. NUMBER OF CONDUCTORS BOTH COMPARTMENTS
	Inches	[mm]	COMP A	COMP B	
14 AWG	0.111	[2.8]	20	20	28
12 AWG	0.130	[3.3]	18	18	36
10 AWG	0.164	[4.2]	17	17	24
8 AWG	0.216	[5.5]	15	15	20
6 AWG	0.254	[6.5]	5	5	10

40N2 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		Section C	Section D
		Inches	[mm]	40% FILL*	40% FILL*
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	45	24
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	37	19
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	26	13
	4-pair, 24 AWG, Cat 6a**	0.354	[9.0]	13	6
	25-pair, 24 AWG	0.410	[10.4]	9	5
COAXIAL	RG6/U	0.270	[6.9]	22	11
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	103	55
	Round 4 Strand Fiber	0.187	[4.8]	46	24
	Round 6 Strand Fiber	0.256	[6.5]	25	13



NOTE: For additional information, refer to the Technical Section.

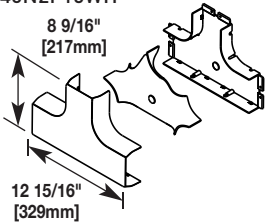
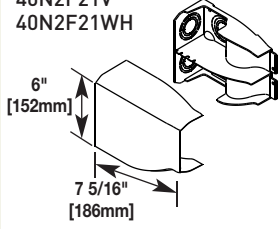
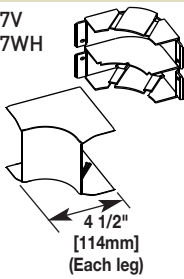
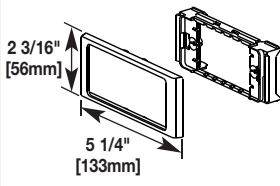
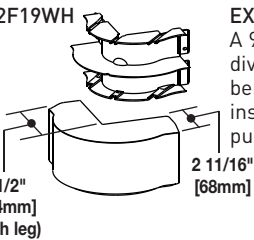
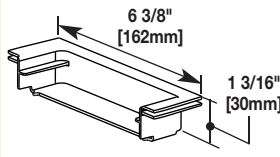
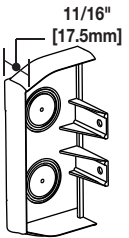
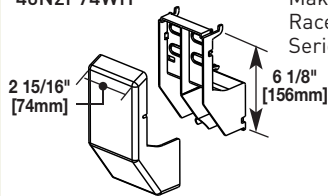
* 40% fill is the maximum designed cable fill based on TIA/EIA 569-A.

** Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

CABLESMART 40N2 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
40N2B08V 40N2B08WH	TWO-COMPARTMENT RACEWAY BASE – Two equal compartments. Use with 40N2 Cover only. Available in 8' [2.4m] lengths with pre-punched mounting holes, packed 48' [14.6m] per carton.	40N2F05V 40N2F05WH	BASE CLIP – Covers seams between sections of 40N2B08 Raceway Base.
40N2C08V 40N2C08WH	FULL WIDTH RACEWAY COVER – Use with 40N2B08 Base. Available in 8' [2.4m] lengths, packed 48' [14.6m] per carton.	40N2F06V 40N2F06WH	COVER CLIP – Covers seams between sections of 40N2C08 Raceway Cover.
40N2FWC	WIRE CLIP – Used to retain cables in raceway during installation.	40N2F11V 40N2F11WH	RADIUSED FULL CAPACITY FLAT ELBOW – A 90° flat corner with integral dividers to provide 2" [51mm] cable bend radius for UTP and fiber optic installations. Ideal for lay-in or pull-through installations.

CABLESMART 40N2 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
40N2F15V 40N2F15WH	RADIUSED FULL CAPACITY TEE – For branches at right angles. A full capacity tee fitting that provides separation of services and 2" [51mm] cable bend radius for UTP and fiber optic installations.	40N2F21V 40N2F21WH	DIVIDED ENTRANCE END FITTING – FiberReady divided fitting to feed 40N2 Series Raceway. Includes 3/4", 1", 1 1/4", and 1 1/2" trade size KOs on back and top.
			
40N2F17V 40N2F17WH	RADIUSED FULL CAPACITY INTERNAL ELBOW – A 90° internal corner with integral dividers to provide 2" [51mm] cable bend radius for UTP and fiber optic installations. Ideal for lay-in or pull-through installations.	40N2F31V 40N2F31WH	TWIN COVER DEVICE BRACKET – Used for power or communications devices in a single compartment. Accepts 5507 Series™ Faceplates. For use with Ortronics® TracJack Individual Jack System, Ortronics® Series II Front-Loading, Module System, and Wiremold Open System Communication Modules.
			
40N2F19V 40N2F19WH	RADIUSED FULL CAPACITY EXTERNAL ELBOW – A 90° external corner with integral dividers to provide 2" [51mm] cable bend radius for UTP and fiber optic installations. Ideal for lay-in or pull-through installations.	NOTE:CM-EPLA End Plates are required when using Wiremold communication modules and Pass & Seymour® inserts. S2-EPL End Plates are required when using Ortronics® Series II inserts. To mount TracJack inserts, use 5507-4TJ or 5507-6TJ Faceplates.	
		40N2F55	HIGH CAPACITY DEVICE BOX – Required for mounting power or datacom devices into a divided raceway application. One used per device location.
40N2F20V 40N2F20WH	BLANK END FITTING – Closes off raceway end runs. Can be used to feed raceway using 1/2" or 3/4" trade size conduit. Holes for conduit must be drilled. Use a step drill or other means.		
		40N2F74V 40N2F74WH	DIVIDED TRANSITION FITTING – Makes transition from 40N2 Series Raceway to PN03, PN05, and PN10 Series Raceways.
			

CABLESMART 40N2 SERIES RACEWAY INTERCONNECTIVITY FITTINGS

FROM	CONNECTION REQUIRED TO	USE CATALOG NUMBER
1/2" or 3/4 trade size Conduit	40N2 Series Raceway	40N2F20
3/4", 1", 1 1/4" & 1 1/2" trade size conduit or armored cable	40N2 Series Raceway	40N2F21
40N2 Series Raceway	PN03, PN05, PN10 Series Raceways	40N2F74

5400 SERIES™ RACEWAY

Large capacity, multiple channel raceway. Lightweight and easy-to-cut. Ideal for power or communication installations that require multiple services.

5400 Series™ Raceway UL Code Reference 118
 5400 Series™ Raceway Color Options 118
 5400 Series™ Raceway System Layout 118
 5400 Series™ Raceway Wire Fill Capacity Charts 119
 5400 Series™ Raceway Ordering Information 119
 MXN Series™ Raceway Ordering Information 121
 MXN Series™ Raceway Wire Fill Capacity Charts 121
 5400 Series™ Raceway Installation Instructions 122
 5400 Series™ Raceway Interconnectivity Fittings Chart 123



5400 Series Raceway provides large capacity in a low profile design.

5400 Series Raceway now compatible with A/V devices by using 5507 Series Faceplates.



CODE REFERENCE

ULus Listed Raceway:
 File E90378 Guide RJTX.
 Complies with flammability requirements of UL-5A.

Fittings:

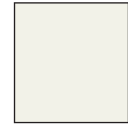
File E90377 Guide RJYT.
 Meets Article 388 of NEC.
 UL Listed for up to 600V.
 Meets Section 12-1600 of CEC.

5400 SERIES RACEWAY COLOR OPTIONS

5400 Series™ Raceway Part Numbers with a “-WH” suffix have a white finish. Part Numbers without a suffix are only available in an ivory finish. 5400 Series Raceway is paintable using latex paint or stain.



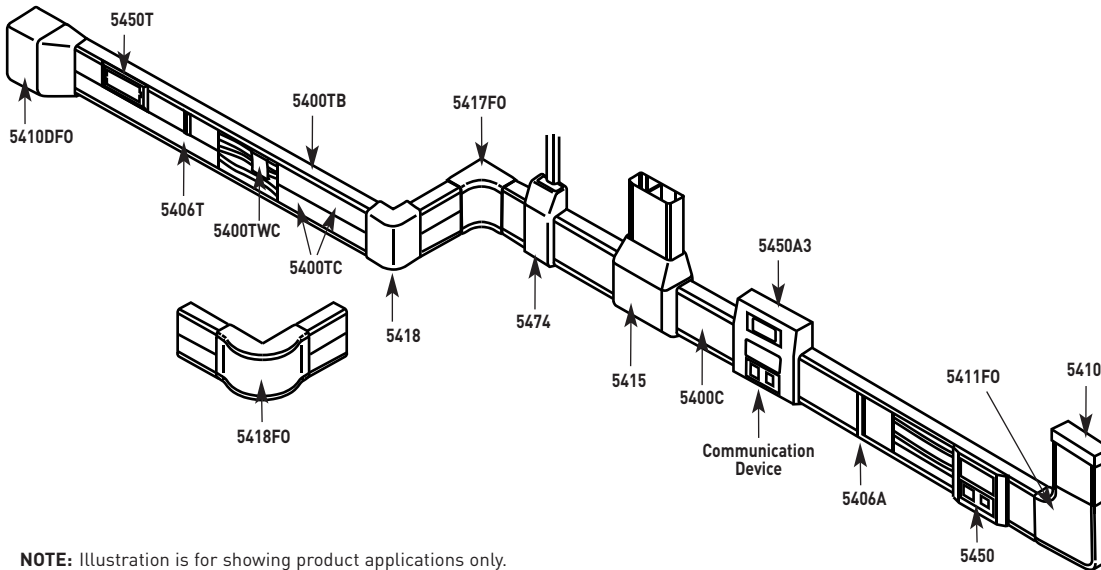
White



Ivory

Custom color options are also available. Consult the factory for more information.

5400 SERIES RACEWAY SYSTEM LAYOUT

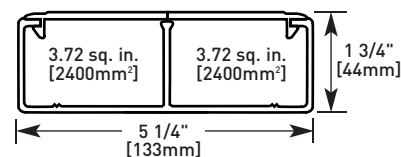


KEY

5400C	Raceway Cover	5410	Entrance End Fitting	5418FO	Radiused External Elbow
5400TWC	Twin Cover Wire Clip	5410DFO	Entrance End Feed	5450	In-Line Device Bracket
5400TB	Two Compartment Base	5411FO	Flat Elbow	5450A3	Multiple Device Bracket
5400TC	Twin Snap Cover	5415	Tee	5450T	Twin Snap Device Bracket
5406A	Cover Clip	5417FO	Radiused Internal Elbow	5474	Transition Fitting
5406T	Twin Cover Seam Clip	5418	Standard External Elbow		

5400 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER				
	WIRE SIZE THHN/THWN	O.D.		NUMBER OF CONDUCTORS EACH COMPARTMENT
		Inches	[mm]	
Power Wiring Without Devices	14 AWG	0.111	[2.8]	50
	12 AWG	0.130	[3.3]	34
	10 AWG	0.164	[4.2]	60
	8 AWG	0.216	[5.5]	21
	6 AWG	0.254	[6.5]	19
Power Wiring With Devices	14 AWG	0.111	[2.8]	50
	12 AWG	0.130	[3.3]	34
	10 AWG	0.164	[4.2]	60
	8 AWG	0.216	[5.5]	21
	6 AWG	0.254	[6.5]	19

Total Raceway Capacity:
7.44 sq. in. [4800mm²]



* Total raceway capacity not to exceed capacity specified in Compartment.

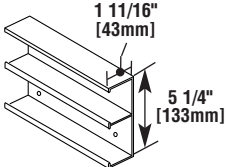
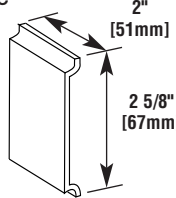
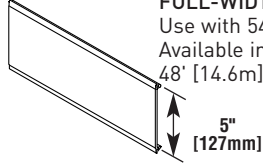
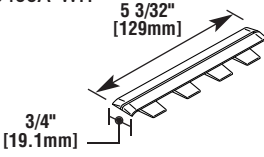
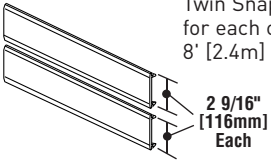
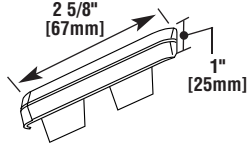
5400 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS			
	CABLE/WIRE SIZE	O.D. (Approx. Dia.)	EACH COMPARTMENT
		Inches	[mm]
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]
	4-pair, 24 AWG, Cat 6	0.250	[6.3]
	4-pair, 24 AWG, Cat 6a**	0.354	[8.9]
	25-pair, 24 AWG	0.410	[10.4]
COAXIAL	RG6/U	0.270	[6.9]
FIBER	ZipCord	0.118 x 0.236	[3 x 6]
	Round 4 Strand Fiber	0.187	[4.8]
	Round 6 Strand Fiber	0.256	[6.5]

NOTE: For additional information, refer to the Technical Section.

* Wire capacity is reduced to allow for proper conductor bend radius and maximum permissible heat rise.

** Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

5400 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
5400TB 5400TB-WH	TWO-COMPARTMENT RACEWAY BASE – Two equal compartments – Base accepts single or Twin Snap Cover. 5400 Series raceway is available in 8' [2.4m] lengths with pre-punched mounting holes, packed 48' [14.6m] per carton.	5400TWC	TWIN SNAP COVER WIRE CLIP – Retains wires in raceway.
			
5400C 5400C-WH	FULL-WIDTH RACEWAY COVER – Use with 5400 Series Raceway. Available in 8' [2.4m] lengths, packed 48' [14.6m] per carton.	5406A 5406A-WH	COVER CLIP – For covering joint where two pieces of 5400C Raceway Cover come together.
			
5400TC 5400TC-WH	TWIN SNAP RACEWAY COVER – Use with 5400 Series Raceway in Twin Snap applications. Order cover for each compartment. Available in 8' [2.4m] lengths.	5406T 5406T-WH	TWIN COVER CLIP – For covering joint where two pieces of 5400TC Cover come together.
			

5400 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
5406TB 5406TB-WH	BASE SEAM CLIP – For covering joint where two pieces of 5400TB Base come together. One clip per package.
5408L 5408L-WH	TRANSITION FITTING – For transitioning from MXN2A08 Corner Drop to a horizontal run of 5400TB Series Raceway to the left.
5408R 5408R-WH	TRANSITION FITTING – For transitioning from MXN2A08 Corner Drop to a horizontal run of 5400TB Series Raceway to the right.
5410 5410-WH	BLANK END FITTING – For closing open end of 5400 Series Raceway. Has four 1/2" trade size KOs for end feed.
5410DFO 5410DFO-WH	RADIUSED DIVIDED ENTRANCE END CAP – FiberReady divided fitting to feed 5400 Series Raceway. Includes 1", 1 1/4", 1 1/2", and 2" trade size KOs on back and top.
5411FO 5411FO-WH	RADIUSED FULL CAPACITY FLAT ELBOW – For right angle turns on the same surface. Integral dividers provide 2" [51mm] cable bend radius for UTP and fiber optic installations. Ideal for lay-in or pull-through installations.
5415 5415-WH	TEE – For branching raceway at right angles.

PART NO.	DESCRIPTION
5415FO 5415FO-WH	RADIUSED FULL CAPACITY TEE – A full capacity tee fitting for branching raceway at right angles. Provides separation of services and 2" [51mm] cable bend radius for UTP and fiber optic installations.
5417FO 5417FO-WH	RADIUSED FULL CAPACITY INTERNAL ELBOW – For right angle turns around internal corners. Integral dividers provide 2" [51mm] cable bend radius for UTP and fiber optic installations. Ideal for lay-in or pull-through installations.
5418 5418FO-WH	EXTERNAL ELBOW – For right angle turns around external corners.
5418FO 5418FO-WH	RADIUSED FULL CAPACITY EXTERNAL ELBOW – For right angle turns around external corners. Integral dividers provide 2" [51mm] cable bend radius for UTP and fiber optic installations. Use the 5418FO for a radiused alternative to 5418.
5450 5450-WH	DEVICE BRACKET – For mounting power and communication devices in-line with 5400 Series Raceway. Utilizes 5507 Series™ Faceplates, as well as Wiremold Open System communication modules, Ortronics® TracJack and Series II inserts, and Pass & Seymour® Activate Series inserts. For faceplate options, see 5507 Series™ Faceplates.

Note: CM-EPLA End Plates are required when using Wiremold communication modules and Pass & Seymour® Activate inserts. S2-EPL End Plates are required when using Ortronics® Series II inserts. To mount TracJack inserts, use 5507-4TJ or 5507-6TJ Faceplates.

5400 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO. 5450T
5450T-WH

DESCRIPTION **TWIN SNAP DEVICE BRACKET –**
For power or communication devices in a single compartment. For use with 5507 Series™ Faceplates, Ortronics® TracJack & Series II Modules, Pass & Seymour® Activate Series Inserts, and Wiremold Open System Communication Modules.

Note: CM-EPLA End Plates are required when using Wiremold communication modules and Pass & Seymour® Activate inserts. S2-EPL End Plates are required when using Ortronics® Series II inserts. To mount TracJack inserts, use 5507-4TJ or 5507-6TJ Faceplates.

PART NO. 5450A3
5450A3-WH

DESCRIPTION **THREE DEVICE MOUNTING BRACKET –**
For mounting up to three power or communication devices at one location inline and offset from 5400 Series Raceway. For use with 5507 Series™ Faceplates, Ortronics® TracJack & Series II Modules, Pass & Seymour® Activate Series Inserts, and Wiremold Open System Communication Modules.

Note: CM-EPLA End Plates are required when using Wiremold communication modules. S2-EPL End Plates are required when using Ortronics® Series II inserts. To mount TracJack inserts, use 5507-4TJ or 5507-6TJ Faceplates.

PART NO. 5450-ORAP

DESCRIPTION **WIRELESS BRACKET –**
Used to mount Ortronics® Wi-Jack™ Wireless Access Points to 5400 Series Raceway.

PART NO. 5474
5474-WH

DESCRIPTION **TRANSITION FITTING –**
Makes transition from 5400 Series Raceway to the 400/800/2300, or PN03, PN05, and PN10 Series Latching Raceways.

PART NO. MXN2A08
MXN2A08-WH

DESCRIPTION **CORNER DROP RACEWAY BASE & COVER –**
Used as a vertical corner feed drop to horizontal runs of 5400 Series Raceway. Two compartments. Packaged with base and cover. MXN2A08 available in 8' [2.44m] lengths.

PART NO. MXN2F21
MXN2F21-WH

DESCRIPTION **ENTRANCE END FITTING –**
For feeding corner drop raceway from large conduits. Has concentric 3/4", 1", and 1 1/2" trade size KOs.

PART NO. MXN2FWC

DESCRIPTION **WIRE CLIP –**
Retains wires in MXN2A08 Corner Drop Raceway.

MXN SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		EA. COMPARTMENT 40% FILL
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	19
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	16
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	11
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	5
	25-pair, 24 AWG	0.410	[10.4]	4
COAXIAL	RG6/U	0.270	[6.9]	9
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	20
	Round 4 Strand Fiber	0.187	[4.8]	20
	Round 6 Strand Fiber	0.256	[6.5]	10

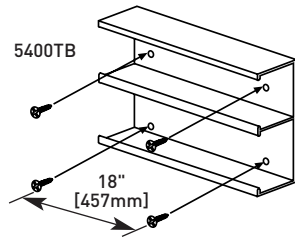
MXN SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D.		NO. OF CONDUCTORS EACH COMPARTMENT
	Inches	[mm]	
14 AWG	0.111	[2.8]	50
12 AWG	0.130	[3.3]	34
10 AWG	0.164	[4.2]	60
8 AWG	0.216	[5.5]	21

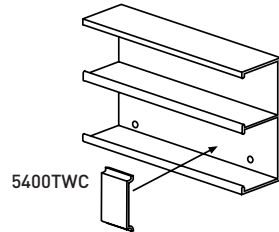
NOTE: For additional information, refer to the Technical Section.
* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

5400 SERIES RACEWAY INSTALLATION DETAILS

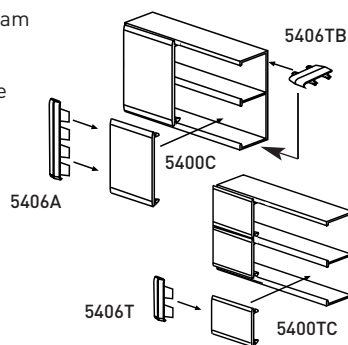
1. Mount raceway base to wall by using appropriate screws. Use two screws every 18" [457mm] using the ribs on the outermost compartments of the raceway as guides.



2. Place the 5400TWC Wire Clips in base as shown to contain the wires in place while installing.

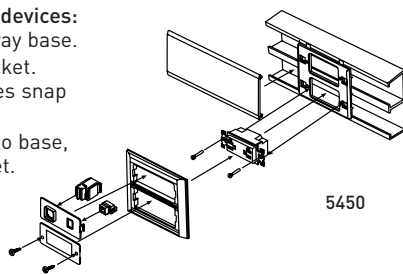


3. Slide the 5406A and 5406T Seam Covers on the uninstalled section of raceway cover as shown; snap cover to the base overlapping the seam cover over the installed section. 5406TB Base Seam Clip used for base seams.



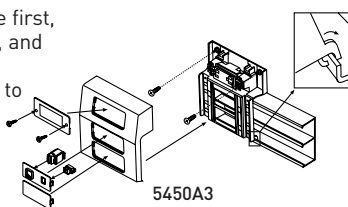
4. Sequence for installing devices:

1. Snap bracket in raceway base.
2. Fasten devices to bracket. Communication devices snap onto bracket.
3. Snap raceway covers to base, butting against bracket.
4. Assemble trim ring.
5. Insert CM-EPLA or S2-EPL, if required.
6. Install Wiremold Open System communication modules, Ortronics® TracJack or Series II inserts, or Pass & Seymour® Activate Series inserts required.
7. Or install 5507 Faceplates, if required.

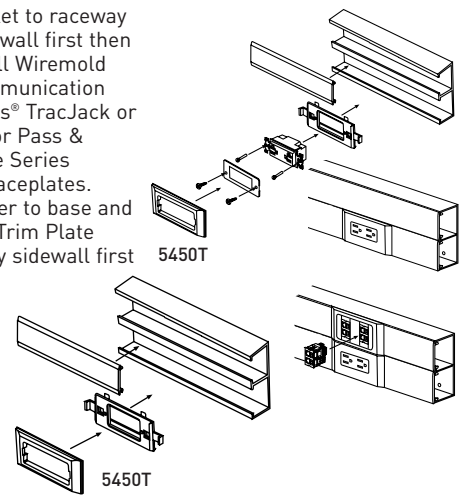


NOTE: Use blank plates to cover any unused slots in bracket.

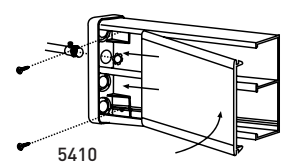
5. Install bracket to raceway base first, mount to the wall with screws, and mount device. After installing raceway cover, snap box cover to bracket and assemble faceplates. Install Wiremold Open System Communication Modules, Ortronics® TracJack or Series II inserts, or Pass & Seymour® Activate Series Inserts, or 5507 Faceplates. Use 5407A3 with 5400TB to install three devices at one location.



6. Snap 5450T Bracket to raceway base, engage sidewall first then divider side. Install Wiremold Open System communication modules, Ortronics® TracJack or Series II inserts, or Pass & Seymour® Activate Series inserts, or 5507 Faceplates. Snap raceway cover to base and finish with 5450T Trim Plate (engaging raceway sidewall first then divider side).

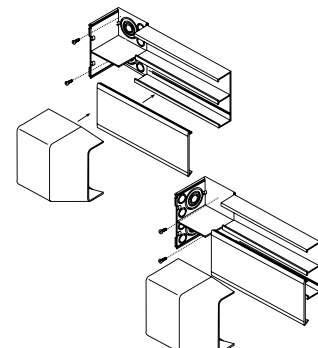


7. End cap may be used as a blank to cap off the raceway at the end-of-run, or to feed wires from a 1/2" trade size pipe; punch out the proper KO. Mount endcap to raceway base using appropriate screws.



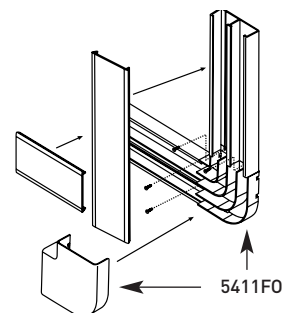
8. Feeding raceway from conduit.

1. Line up base of the fitting with the raceway base using the tongues as guides.
2. Fasten the base of the fitting to the wall using screws.
3. Remove the proper KO.
4. Attach conduit using proper fitting.
5. Feed the necessary cables.
6. Slide the dividers (two provided) into the mounting guides if needed.
7. Snap the raceway cover on the base.
8. Snap fitting cover onto the base using guiding keyslots in base.



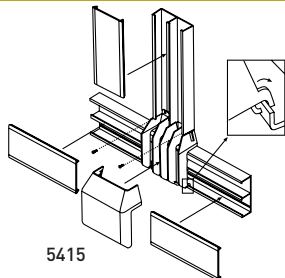
NOTE: The 5400TB Base can be rotated 90° to allow feed from back instead of side.

9. Mount flat elbow as shown; assemble raceway covers first, then elbow cover.



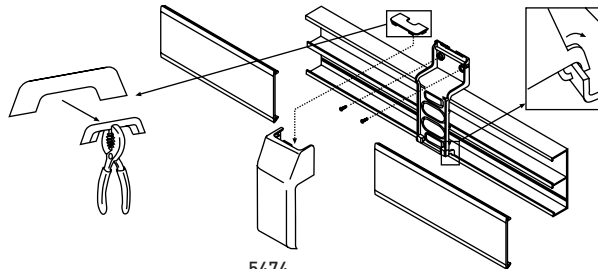
5400 SERIES RACEWAY INSTALLATION DETAILS (continued)

10. Punch out appropriate hole in the tee fitting base and snap to raceway base; screw down to wall. Assemble raceway covers to base and then snap tee cover, overlapping raceway covers.



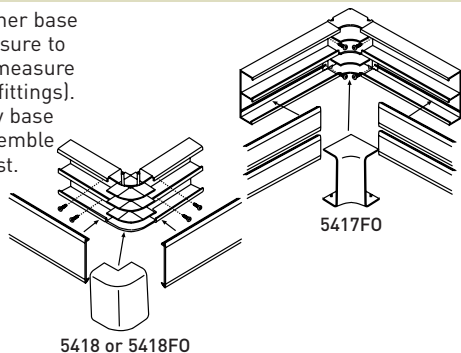
5415

12. Punch out appropriate hole in fitting base and snap to the raceway base; screw down to the wall. Remove proper twistout from the insert by first scoring with a knife. Slide the insert onto fitting cover. Assemble raceway covers to base and then snap fitting cover, overlapping raceway covers.



5474

11. Install one corner base first, then measure to other corner (measure from edges of fittings). Mount raceway base and cover; assemble fitting cover last.



5418 or 5418FO

5417FO

5400 SERIES RACEWAY INTERCONNECTIVITY FITTINGS

FROM	CONNECTION REQUIRED	TO	USE CATALOG NUMBER
5400 Series Raceway		400, 800, 2300 Series Raceways	5474
5400 Series Raceway		PN03, PN05, PN10 Series Raceways	5474
5400 Series Raceway		MXN2A08	5408L/5408R
1/2" Trade size Conduit or Armored Cable		Side of 5400 Series Raceway	5410 or 5410DFO
3/4", 1", 1 1/2" & 2" Trade size Conduit or Armored Cable		Back or Side of 5400TB	5410DFO

Why Wiremold...

Northside Independent School District in San Antonio, Texas, is keeping ahead of the technology curve with Wiremold wire and cable management systems. 5400 Series nonmetallic, dual-channel raceway is installed in all classrooms for teacher and student computers.



5500 SERIES™ RACEWAY

Large capacity, multiple channel raceway. Lightweight and easy to cut. Ideal for power or communication installations where flexibility for future moves and changes is important.

- 5500 Series™ Raceway UL Code Reference 124
- 5500 Series™ Raceway Color Options 124
- 5500 Series™ Raceway System Layout 124
- 5500 Series™ Raceway Wire Fill Capacity Charts 125
- 5500 Series™ Raceway Ordering Information 125
- 5500 Series™ Raceway Interconnectivity Fittings Chart 127
- 5500 Series™ Raceway Installation Instructions 127



5500 Series Raceway is available with three compartments for running low voltage and power in the same raceway.

5500 Series Raceway now compatible with A/V devices by using 5507 Series Faceplates.



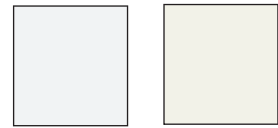
CODE REFERENCE

cULus Listed Raceway:
File E90378 Guide RJTX.
Complies with flammability requirements of UL-5A.

Fittings:
File E90377 Guide RJYT.
Meets Article 388 of NEC.
UL Listed for up to 600V.
Meets Section 12-1600 of CEC.

5500 SERIES RACEWAY COLOR OPTIONS

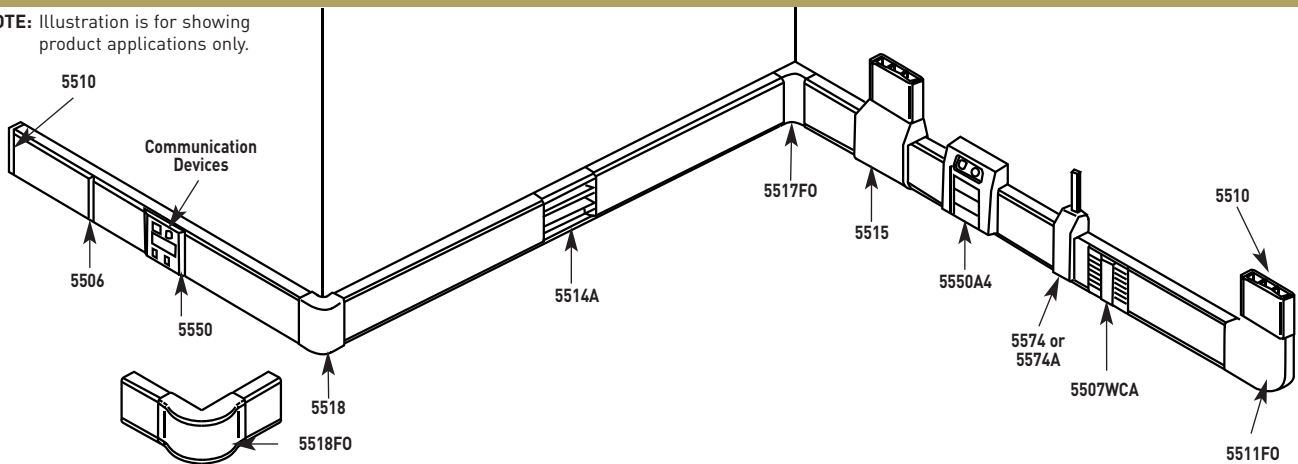
5500 Series™ Raceway Part Numbers with a “-WH” suffix have a white finish. Part Numbers without a suffix are only available in an ivory finish. 5500 Series Raceway is paintable using latex paint.



Custom color options are also available. Consult the factory for more information.

5500 SERIES RACEWAY SYSTEM LAYOUT

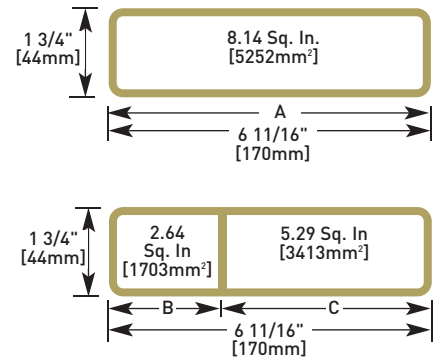
NOTE: Illustration is for showing product applications only.



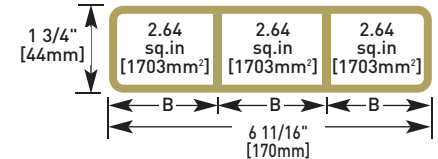
KEY

5510	End Cap/Entrance End Fitting	5517FO	Radiused Full Capacity Internal Elbow	5500WCA	Wire Clip
5510D	Entrance End Fitting	5515	Tee Fitting/Take-Off Connector	5511FO	Radiused Full Capacity Flat Elbow
5506	Cover Clip	5550A4	Multiple Device Bracket	5518FO	Radiused Full Capacity External Elbow
5550	In-Line Device Bracket	5574 or 5574A	Inline Transition Fitting		
5518	External Elbow				
5514A	Back Connector Feed				

5500 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER						
	WIRE SIZE THHN/THWN	O.D.		NUMBER OF CONDUCTORS		
		Inches	[mm]	COMP A	COMP B	COMP C
Power Wiring Without Devices	14 AWG	0.111	[2.8]	64	41	50
	12 AWG	0.130	[3.3]	60	25	44
	10 AWG	0.164	[4.2]	90	46	70
	8 AWG	0.216	[5.5]	65	18	40
	6 AWG	0.254	[6.5]	45	15	34
Power Wiring With Devices	14 AWG	0.111	[2.8]	64	35	50
	12 AWG	0.130	[3.3]	60	25	44
	10 AWG	0.164	[4.2]	90	16	70
	8 AWG	0.216	[5.5]	65	8	36
	6 AWG	0.254	[6.5]	45	5	25



5500 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS						
	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL*		
		Inches	[mm]	A	B	C
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	114	37	71
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	94	30	58
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	66	21	41
	4-pair, 24 AWG, Cat 6a**	0.354	[8.9]	33	10	20
	25-pair, 24 AWG	0.410	[10.4]	24	8	15
COAXIAL	RG6/U	0.270	[6.9]	56	18	35
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	117	37	72
	Round 4 Strand Fiber	0.187	[4.8]	118	38	73
	Round 6 Strand Fiber	0.256	[6.5]	63	20	39

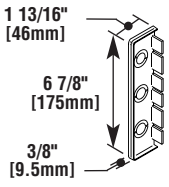
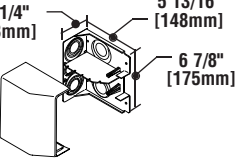
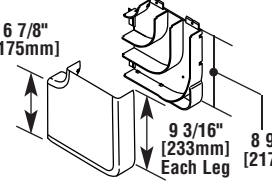
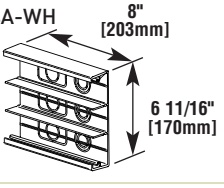
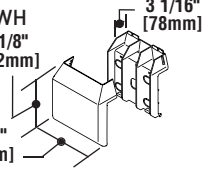
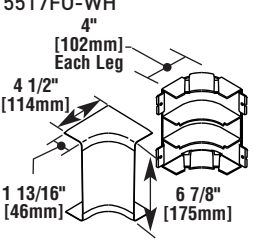
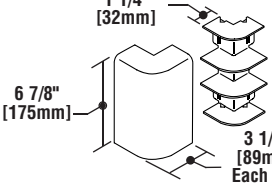


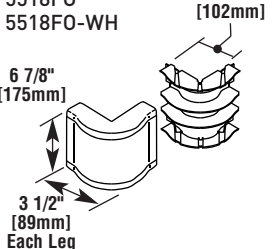
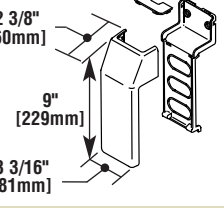
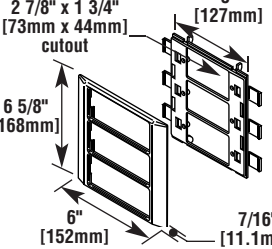
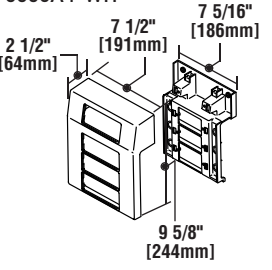
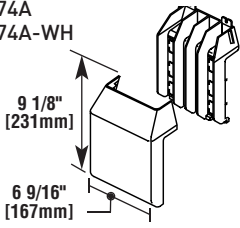
NOTE: For additional information, refer to the Technical Section.
 * Wire capacity is reduced to allow for proper conductor bend radius and maximum permissible heat rise.
 ** Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

5500 SERIES RACEWAY ORDERING INFORMATION

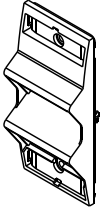
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
5500BD3 5500BD3-WH	DIVIDED RACEWAY BASE – Three equal compartments – use for separate services in one raceway. Breakaway dividers enable compartment configurations. Available in 8' [2.4m] lengths. Packed 48' [14.6m] per carton.	5506 5506-WH	COVER CLIP – For covering seam where two pieces of 5500C Cover come together.
5500C 5500C-WH	RACEWAY COVER – Use with 5500BD3. Available in 8' [2.4m] lengths. Packed 48' [14.6m] per carton.	5506B 5506B-WH	BASE SEAM CLIP – For covering seam where two pieces of 5500BD3 Base come together.
5500WCA	WIRE CLIP – Retains wires in raceway.		

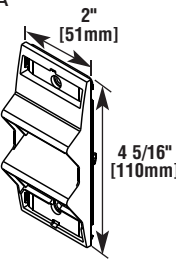
5500 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
5510 5510-WH 	BLANK END FITTING – For closing open end of 5500BD3 Raceway. Three 1/2" trade size KO's for end feed.
5510D 5510D-WH 	ENTRANCE END FITTING – For feeding raceway from larger conduits. Has concentric 3/4", 1", 1 1/2", and 2" trade size KO's on end and back. Two removable dividers are included.
5511FO 5511FO-WH 	RADIUSED FULL CAPACITY FLAT ELBOW – 90° flat corner with integral dividers that provides a 2" [51mm] cable bend radius for UTP and fiber optic installations. Ideal for lay-in or pull-through installations.
5514A 5514A-WH 	BACKFEED CONNECTOR – Use when a backfeed is needed. Has three rectangular KO's for use with existing wall box and three 1/2", 3/4", and 1" trade size KO's.
5515 5515-WH 	TEE/TAKE-OFF CONNECTOR – For branching raceway at right angles.
5517FO 5517FO-WH 	BEND RADIUS FULL CAPACITY INTERNAL ELBOW – 90° internal corner with integral dividers that provides a 2" [51mm] cable bend radius for UTP and fiber optic installations. Ideal for lay-in or pull-through installations.
5518 5518-WH 	EXTERNAL ELBOW – For right angle turns around external corners.

PART NO.	DESCRIPTION
5518FO 5518FO-WH 	BEND RADIUS FULL CAPACITY EXTERNAL ELBOW – 90° external corner with integral dividers that provide a 2" [51mm] cable bend radius for UTP and fiber optic installations. Use the 5518FO for a radiused alternative to the 5518.
5574 5574-WH 	TRANSITION FITTING – Makes transition from 5500 Series Raceway to the 400, 800, 2300, PN03, PN05 and PN10 Latching Series Raceways.
5550 5550-WH 	DEVICE INLINE BRACKET – For mounting up to three power and communication devices with the 5500 Series Raceway. Utilizes 5507 Series™ Faceplates, Wiremold Open System communication modules, Ortronics® TracJack and Series II inserts, and Pass & Seymour® Activate Series inserts. For faceplate options, see 5507 Series™ Faceplates.
5550A4 5550A4-WH 	OFFSET MOUNTING DEVICE BRACKET – For mounting up to four power and communication devices at one location. Utilizes 5507 Series™ Faceplates, Wiremold Open System communication modules, Ortronics® TracJack and Series II inserts, and Pass & Seymour® Activate Series inserts. For faceplate options, see 5507 Series™ Faceplates.
5574A 5574A-WH 	TRANSITION FITTING – Makes transition from 5500 Series Raceway to 5400 Series Raceway.

5500 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
ARA-S2	 <p>ANGLED RACEWAY ADAPTER – Provides angled exit in multi-channel raceway systems. Snaps into standard 4050, 5450, 5450T, 5550, 40N2F31 and WallSource Device Brackets. Angled exit provides additional mounting depth required for A/V connections as well as ensuring the required bend radius for UTP and fiber optic cabling. Holds two Ortronics® Series II modules. Fits 5507 Series Faceplate opening.</p>

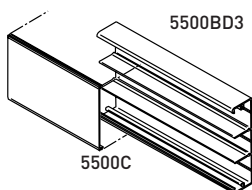
PART NO.	DESCRIPTION
CM-ARA	 <p>ANGLED RACEWAY ADAPTER – Provides angled exit in multi-channel raceway systems. Snaps into standard 4050, 5450, 5450T, 5550, 40N2F31 and WallSource Device Brackets. No CM-EPLA End Plates required. Accepts two CM2 Series Wiremold Open System communication modules or Pass & Seymour® Activate Series inserts.</p>

5500 SERIES RACEWAY INTERCONNECTIVITY FITTINGS

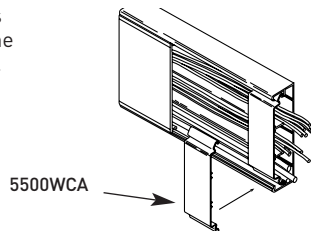
FROM	CONNECTION REQUIRED TO	USE CATALOG NUMBER
5500BD3 Series Raceway	400BAC, 800BAC, 2300BAC	5574
5500BD3 Series Raceway	PN03, PN05, PN10 Series Raceway	5574
5500BD3 Series Raceway	5400TB Series Raceway	5574A
Existing Outlet	5500BD3 Series Raceway	5514A
1/2", 3/4", & 1" Trade Size Conduit or Armored Cable	Back of 5500BD3 Series Raceway	5514A or 5510D
1/2" Trade Size Conduit or Armored Cable	Side of 5500BD3 Series Raceway	5510 or 5510D
3/4", 1", 1 1/2" & 2" Trade Size Conduit or Armored Cable	Back or Side of 5500BD3 Series Raceway	5510D

5500 SERIES RACEWAY INSTALLATION DETAILS

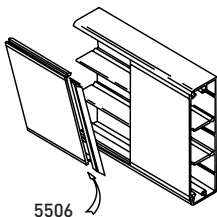
1. Integral dividers of the 5500BD3 may be removed by tearing off at the score mark. Mount raceway base to wall by using appropriate screws. Use two screws every 18" [457mm], using the ribs on the outermost compartments of the raceway as guides.



2. Place the 5500WCA Wire Clips in base as shown to contain the wires in place while installing.

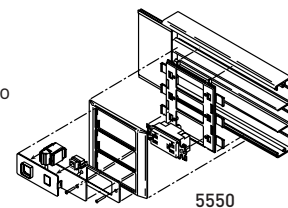


3. Slide the 5506 Cover Clip on the uninstalled section of raceway cover as shown; snap cover to the base overlapping the seam cover over the installed section.



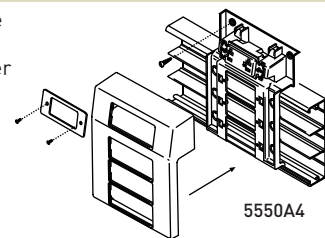
4. Sequence for installing devices:

1. Snap bracket in raceway base.
2. Fasten devices to bracket. Communication devices snap onto bracket (see Communication Connectivity Section).
3. Snap raceway covers to base, butting against bracket.
4. Assemble trim ring.
5. Insert CM-EPLA or S2-EPL, if required.
6. Install Wiremold Open System communication modules, Ortronics® TracJack or Series II inserts, or Pass & Seymour® Activate Series inserts required.
7. Or install 5507 faceplates, if required.



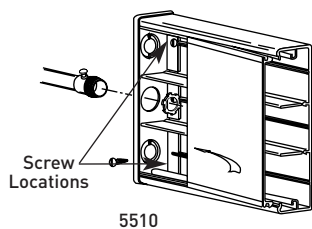
NOTE: Use blank plates to cover any unused slots in bracket.

5. Install bracket to raceway base first, mount to the wall with screws, and mount device. After installing raceway cover, snap box cover to bracket and assemble device plate.

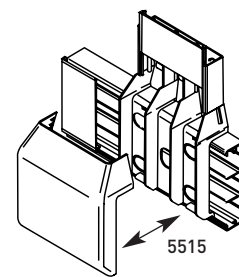


5500 SERIES RACEWAY INSTALLATION DETAILS (continued)

6. End cap may be used as a blank to cap off the raceway at the end-of-run, or to feed wires from a 1/2" trade size pipe (punch out the proper KO). Mount endcap to raceway base using appropriate screws. Slide raceway cover under the upper lip of the end cap as shown, before snapping to base.

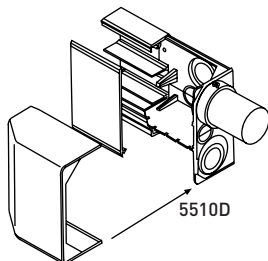


10. Punch out appropriate hole in the tee fitting base, and snap to raceway base; screw down to wall. Assemble raceway covers to base and then snap to tee cover overlapping raceway covers.

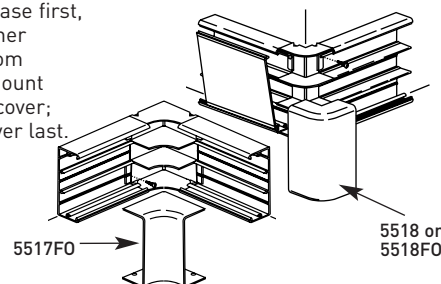


7. Feed raceway from larger conduit.

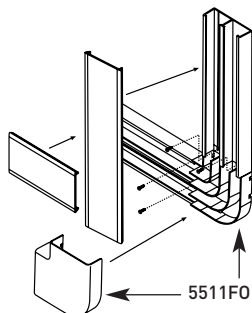
1. Line up base of the fitting with the raceway base using the tongues as guides.
2. Fasten the base of the fitting to the wall using screws.
3. Remove the proper KO.
4. Attach conduit using proper fitting.
5. Feed the necessary cables.
6. Slide the dividers (two provided) into the mounting guides if needed.
7. Snap the raceway cover on the base.
8. Snap fitting cover onto the base using guiding keyslots in base.



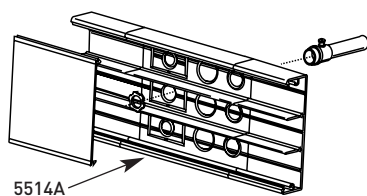
11. Install one corner base first, then measure to other corner (measure from edges of fittings). Mount raceway base, and cover; assemble fitting cover last.



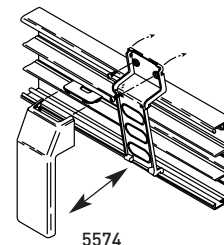
8. Mount flat elbow as shown; assemble raceway covers first, then elbow cover.



9. Use this fitting to back feed from existing wall box, or to feed from 1/2", 3/4" and 1" trade size conduit: score KO with knife, then punch out.



12. Punch out appropriate hole in fitting base and snap to the raceway base; screw down to the wall. Remove proper twistout from the insert by first scoring with a knife and then twisting. Slide the insert onto fitting cover. Assemble raceway covers to base and then snap fitting cover, overlapping raceway covers.



Why Wiremold . . .

When 23 older schools in Syracuse, N.Y. were renovated, the upgrade included power and data. Dual-channel nonmetallic raceway was selected for use throughout the project. The perimeter raceway offers high fill capacity, 2" cable bend radius fittings, and robust tamper resistance. According to the contractor, nonmetallic raceway is easy to cut, handle, and install.

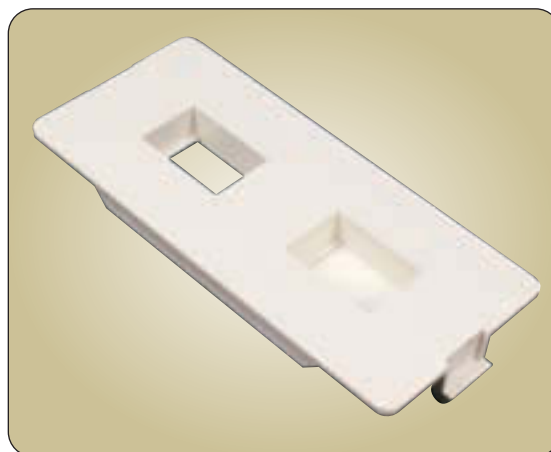


5507 SERIES™ FACEPLATES

5507 Series™ Faceplates accept a wide assortment of power, A/V and datacom devices from leading manufacturers. Faceplates can be used in nonmetallic device brackets for 2300BACD, 400BAC, 5000, 5400TB, 5500BD3, 40N2 Series Raceways, 4050 Device Bracket for Steel Raceways, and WallSource™ Boxes.

All 5507 Series™ Faceplates have a standard measurement of 4 1/4" x 1 7/8" [108mm x 34mm].

5507 Series™ Faceplates UL Code Reference 129
 5507 Series™ Faceplates Color Options 129
 5507 Series™ Faceplates Ordering Information 129



5507FRJ. 5507 Series™ Faceplates accept a wide assortment of power and datacom devices from leading manufacturers.

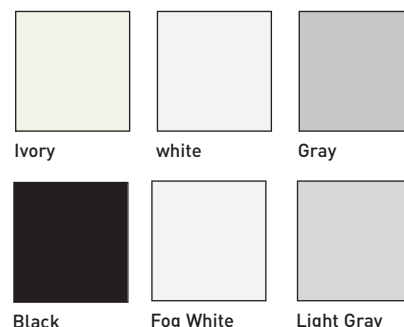
CODE REFERENCE

cULus Listed Raceway:
 File E90378 Guide RJTX.
 Complies with flammability requirements of UL-5A.

Fittings:
 File E90377 Guide RJYT.
 Meets Article 388 of NEC.
 UL Listed for up to 600V.
 Meets Section 12-1600 of CEC.

5507 SERIES FACEPLATES COLOR OPTIONS



5507 Series™ faceplate Part Numbers without a suffix are available in an ivory finish. Part Numbers with a "-WH" suffix have a white finish. Part Numbers with a "-G" suffix have a gray finish. Part Numbers with a "-BK" suffix have a black finish. Part Numbers with a "-FW" suffix have a fog white finish.

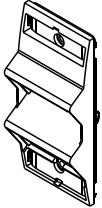
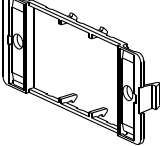
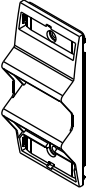
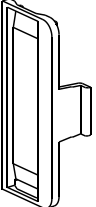


5507 SERIES FACEPLATES ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
5507AD 5507AD-WH 5507AD-G 5507AD-FW	MODULAR FURNITURE ADAPTER – For mounting Activate and other modular furniture bezels and other modular furniture adapters. Not for use with rectangular (decorator) style devices.	5507FRJ 5507FRJ-WH 5507FRJ-G 5507FRJ-FW	FLUSH DUAL RJ CONNECTOR FACEPLATE – For mounting one or two keystone device modules, recessed to provide a flush installation. Has one opening and one KO.
5507B 5507B-WH 5507B-G 5507B-FW	BLANK FACEPLATE – For covering unused compartments in the device bracket.	5507R 5507R-WH 5507R-G 5507R-FW	RECTANGULAR RECEPTACLE FACEPLATE – For covering rectangular decorator style devices.
5507D 5507D-WH 5507D-G 5507D-BK 5507D-FW	DUPLEX RECEPTACLE FACEPLATE – For covering duplex style devices. Accepts 106 Frame.	5507RJ 5507RJ-WH 5507RJ-G 5507RJ-FW	DUAL RJ11/RJ45 CONNECTOR FACEPLATE – For mounting one or two keystone device modules. Has one opening and one KO.

5507 SERIES FACEPLATES ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
5507S 5507S-WH 5507S-G	RECTANGULAR SPACER – For mounting commercial device plates. Installs between the device bracket and a device.
5507SW 5507SW-WH 5507SW-G 5507SW-FW	SWITCH FACEPLATE – For covering standard toggle switches.
5507T1 5507T1-WH 5507T1-G 5507T1-FW	SINGLE RECEPTACLE FACEPLATE – For covering single receptacles – 1.59" [40mm] diameter.
5507T2 5507T2-WH 5507T2-G 5507T2-FW	SINGLE RECEPTACLE FACEPLATE – For covering single receptacles – 1.41" [36mm] diameter.
5507-4TJ 5507-4TJ-WH 5507-4TJ-G 5507-4TJ-FW	ORTRONICS® FACEPLATE – For mounting Ortronics® datacom inserts. Accepts four TracJack devices.
5507-6TJ 5507-6TJ-WH 5507-6TJ-G 5507-6TJ-FW	ORTRONICS® FACEPLATE – For mounting Ortronics® datacom inserts. Accepts six TracJack devices.
5507MAAP 5507MAAP-WH 5507MAAP-G 5507MAAP-FW	EXTRON® MAAP FACEPLATE – Accepts four Extron® Electronics MAAP single space modules. 
5507AAP 5507AAP-WH 5507AAP-G 5507AAP-FW	EXTRON® AAP FACEPLATE – Accepts two Extron® Electronics AAP single space modules. 

PART NO.	DESCRIPTION
ARA-S2-IV ARA-S2-FW ARA-S2-BK ARA-S2-G ARA-S2-WH	ANGLED RACEWAY ADAPTER – Provides angled exit in multi-channel raceway systems. Snaps into standard 4050, 5450, 5450T, 5550, 40N2F31 and WallSource Device Brackets. Angled exit provides additional mounting depth required for A/V connections as well as ensuring the required bend radius for UTP and fiber optic cabling. Holds two Ortronics® Series II modules. Fits 5507 Series Faceplate opening. 
CM-EPLA CM-EPLA-WH CM-EPLA-G CM-EPLA-FW	END PLATE – For mounting Pass & Seymour® Activate and Wiremold Open System communication modules into 5507 openings. Includes two outlet identification labels with clear covers and two matching screw covers. 
CM-ARA CM-ARA-WH CM-ARA-G CM-ARA-FW	ANGLED RACEWAY ADAPTER – Provides angled exit in multi-channel raceway systems. Snaps into standard 4050, 5450, 5450T, 5550, 40N2F31 and WallSource Device Brackets. No CM-EPLA End Plates required. Accepts two CM2 Series Wiremold Open System communication modules or Pass & Seymour® Activate Series inserts. 
S2-EPL S2-EPL-WH S2-EPL-G S2-EPL-FW	END PLATE – For mounting Ortronics® Series II modules into 5507 opening. Includes two outlet identification labels with clear covers and two matching screw covers. 

300 SERIES™ DUCT

300 Series™ Duct conceals electrical cords and low voltage wiring. With a full complement of fittings and adhesive backing, 300 Series Duct is easy-to-install and paintable so that it blends with any decor.

300 Series™ Duct UL Code Reference 131
 300 Series™ Duct Color Options 131
 300 Series™ Duct Ordering Information 131

CODE REFERENCE

300 Series Duct is not UL Listed and is designed only for use in protecting electrical cords, low voltage wiring and cabling.

300 SERIES DUCT COLOR OPTIONS

300 Series™ Duct is available in an ivory finish and is paintable using latex paint.



Ivory



300 Series Duct used to conceal an electrical cord. Can also be painted with latex paint to blend into the wall surface.

300 SERIES DUCT ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
300	<p>DUCT – One-piece latching duct. 5' [1.5m] strip extruded from rigid natural PVC. Adhesive back. Smooth texture ivory.</p>	317	<p>INTERNAL ELBOW – For right angle turns around internal corners.</p>
306	<p>COUPLING – For joining strips of 300 Series duct.</p>	318	<p>EXTERNAL ELBOW – For right angle turns around external corners.</p>
311	<p>FLAT ELBOW – For right angle turns on the same surface.</p>	PVC-1	<p>RACEWAY CUTTER – Regular duty cutter. Ideal for use with small nonmetallic raceways.</p>

ALUMINUM SURFACE RACEWAY SYSTEMS



Wiremold® Aluminum Surface Raceway Systems are the industry leaders in quality, ease of installation, and for providing pathway solutions for all types of installations. For over 50 years, Wiremold Surface Raceway Systems have provided the highest quality, most dependable solutions for installers, building owners, and designers.

With the introduction of our new ALDS4000® Designer Series Raceway System, we're again pushing the envelope and expanding the capacity, capabilities, and aesthetics of surface raceway systems.

QUICK SELECTION GUIDE	134
Small Single- & Dual-Channel Raceways	
AL2000 Series Raceway	135
AL2400 Series Raceway	138
AL3300 Series Raceway	140
4000® Designer Series Aluminum Raceway	
ALDS4000® Series Raceway	143
Large Single & Dual Channel Raceways	
ALA3800 Series Raceway	147
ALA4800 Series Raceway	150
AL5200 Series Raceway	153

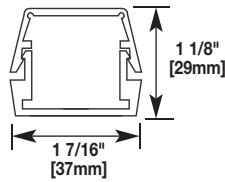
TWO-PIECE SMALL SINGLE- & DUAL-CHANNEL RACEWAY PROFILES

AL2000 SERIES™ RACEWAY

AL2000B & AL2000C

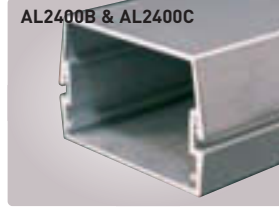


CAPACITY: 1.1 in.² [710mm²]

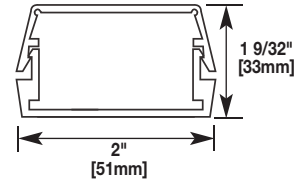


AL2400 SERIES™ RACEWAY

AL2400B & AL2400C



CAPACITY: 1.7 in.² [1097mm²]

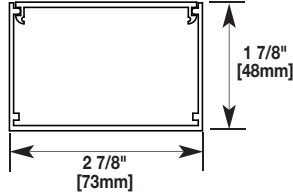


AL3300 SERIES™ RACEWAY

AL3300B & AL3300C



CAPACITY: 4.40 in.² [2389mm²]

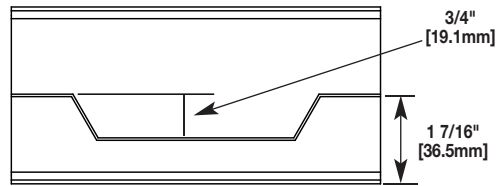


Capacity with Offset Divider – 1.35 sq. in. [871mm²]

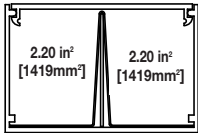
Capacity with 1/2 Divider – 2.2 sq. in. [1419mm²]

Capacity Undivided – 4.4 sq. in. [2839mm²]

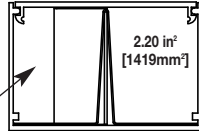
AL3300 with Offset Divider



AL3300 w/Half Divider



AL3300 w/Offset Divider



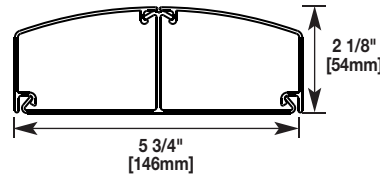
LARGE DUAL-CHANNEL RACEWAY PROFILE

ALDS4000® SERIES RACEWAY

ALDS4000B & ALDS4000C



CAPACITY:
Each Compartment – 4.85 in.² [3192mm²]



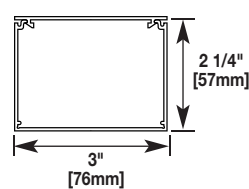
TWO-PIECE LARGE SINGLE- & DUAL-CHANNEL RACEWAY PROFILES

ALA3800 SERIES™ RACEWAY

ALA3800B & ALA3800C

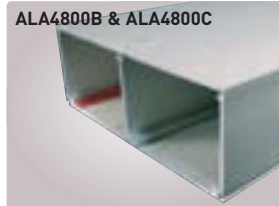


CAPACITY: 5.96 in.² [3842mm²]

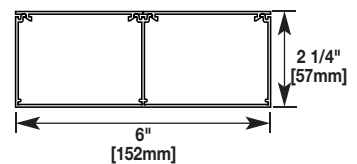


ALA4800 SERIES™ RACEWAY

ALA4800B & ALA4800C



CAPACITY:
Each Compartment 5.93 in.² [3826mm²]

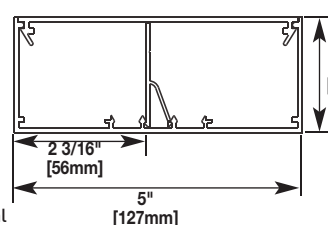


AL5200 SERIES™ RACEWAY

AL5200B & AL5200C



CAPACITY:
Each Compartment: 8.5 in.² [5484mm²]



Capacity as Shown –

3.90 sq. in./4.5 sq. in. [2526mm²/2903mm²]

Capacity Three Compartments – 2.85 sq. in./2.40 sq. in./2.85 sq. in. [1839mm²/1548mm²/1839mm²]

Capacity Undivided – 8.5 sq. in. [5484mm²]

NOTE: See the AL5200 Series Raceway section for additional raceway compartment configurations.

AL2000 SERIES™ RACEWAY

Two-piece, single-channel raceway. Satin anodized finish complements decor in commercial offices, laboratories, and health care facilities.

AL2000 Series™ Raceway System Layout 135
 AL2000 Series™ Raceway UL Code Reference 135
 AL2000 Series™ Raceway Color Options..... 135
 AL2000 Series™ Raceway Wire Fill Capacity Charts 136
 AL2000 Series™ Raceway Ordering Information 136

CODE REFERENCE

cULus Listed Raceway:
File E4376 Guide RJPR.

Fittings:
File E41751 Guide RJPR.

Raceway & Fittings:
Meet Article 386 of NEC.

Multioutlet Assemblies:
Meet Article 380 of NEC.



AL2000 Series Raceway Base & Cover.

AL2000 SERIES RACEWAY COLOR OPTIONS

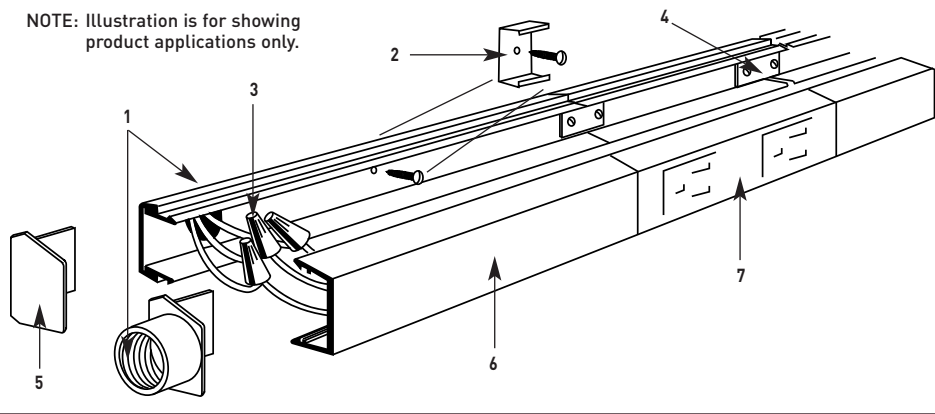
AL2000 Series™ Raceway is available with a satin anodized finish.



Satin Anodized

AL2000 SERIES RACEWAY SYSTEM LAYOUT

NOTE: Illustration is for showing product applications only.



KEY

- 1 Supply conductors may be fed from 1/2" trade size KO in base, or through AL2010A Feed End Fitting. This system is designed with capacity for additional feed or circuitry conductors.
- 2 Attach base section to mounting surface with AL2003 Spring Mounting Clips, or by drilling 9/32" [7.1mm] holes in the base and use #8 flathead screws.
- 3 Connect circuit wires with connectors.
- 4 Additional multiple outlet sections or AL2000 Raceway sections may be attached at ends with AL2001 Coupling.
- 5 Close ends with blank end fitting (AL2010B), or with feed end fittings (AL2010A).
- 6 Snap in cover section.
- 7 In-line receptacle AL2043.

AL2000 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS


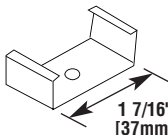

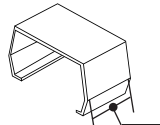
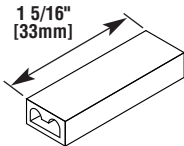
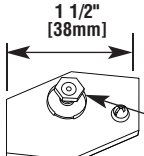
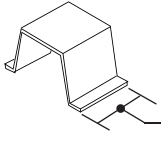
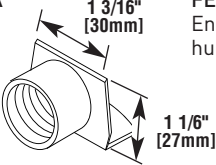
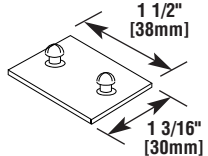
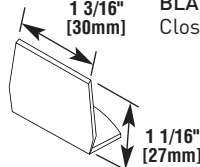
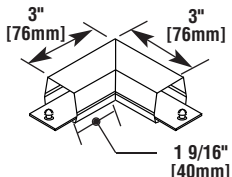
	CABLE/WIRE SIZE	O.D. (Approx. Dia.) Inches [mm]	40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190 [4.8]	3
	4-pair, 24 AWG, Cat 5e	0.210 [5.3]	3
	4-pair, 24 AWG, Cat 6	0.250 [6.3]	2
	4-pair, 24 AWG, Cat 6a*	0.354 [9.0]	1
	25-pair, 24 AWG	0.410 [10.4]	0
COAXIAL	RG6/U	0.270 [6.9]	17
FIBER	ZipCord	0.118 x 0.236 [3 x 6]	3
	Round 4 Strand Fiber	0.187 [4.8]	2
	Round 6 Strand Fiber	0.256 [6.5]	2

AL2000 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

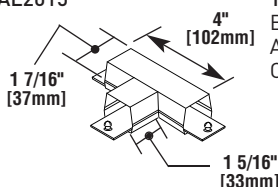
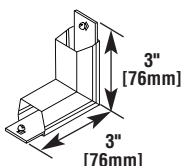
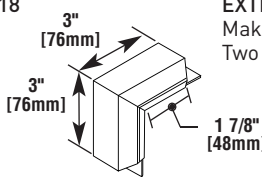
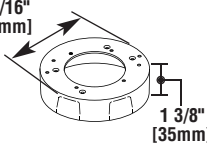
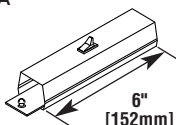
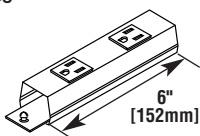
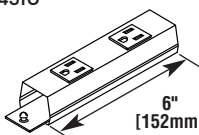
WIRE SIZE THHN/THWN	O.D. [mm]	NUMBER OF CONDUCTORS WITHOUT DEVICES	WITH PLUG/MOLD RECEPTACLES
14 AWG	0.111 [2.8]	51	8
12 AWG	0.130 [3.3]	38	6
10 AWG	0.164 [4.2]	24	3
8 AWG	0.216 [5.5]	12	
6 AWG	0.254 [6.5]	8	

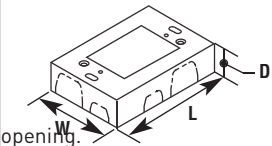
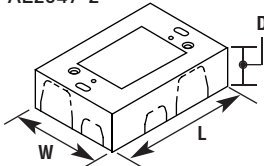
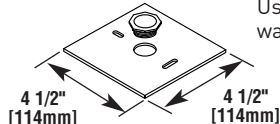
NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

AL2000 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
AL2000B-5 AL2000B-10	RACEWAY BASE – 6063-T5 extruded aluminum, satin anodized finish, .060" [1.5mm] nominal thickness. Packed (12) 5' [1.5m] lengths (AL2000B-5) or six 10' [3m] lengths (AL2000B10) per carton.	AL2003	MOUNTING CLIP (Spring Steel) – Supports lengths of AL2000 Raceway at any point desired. Mount to surface with No. 8 flathead screw.
			
AL2000C-5	RACEWAY COVER – 6063-T5 extruded aluminum, satin anodized finish, .060" [1.5mm] nominal thickness. Packed (12) 5' [1.5m] lengths per carton.	AL2006	COVER CLIP (Spring Steel) – Covers seam where lengths of cover or base come together.
			
W30/W30G	PRESSURE-TYPE WIRE CONNECTORS – W30 – For common connection of two, three, or four No. 12 or No.14 solid copper conductors. Packed 24 pieces per carton (16 W30 and 8 W30G). W30G – For connection of equipment grounding of 2, 3, or 4 solid conductors No. 14 or No. 12 AWG. 300V maximum; 20A 105° C maximum.	AL2009	GROUND CLAMP (Galvanized Steel) – Connects of equipment grounding conductor to provide an additional ground to raceway.
			
AL2000WC	WIRE RETAINER (Plastic) – Holds conductors in place in raceway base.	AL2010A	FEED FITTING – End fitting with 1/2" [12.7mm] hub adapter.
			
AL2001	COUPLING (Galvanized Steel) – Joins lengths of AL2000B Base.	AL2010B	BLANK END FITTING – Closes off end of raceway.
			
		AL2011	FLAT ELBOW – Right angle turn on same surface. Two AL2001 Couplings included.
			

AL2000 SERIES RACEWAY ORDERING INFORMATION (continued)

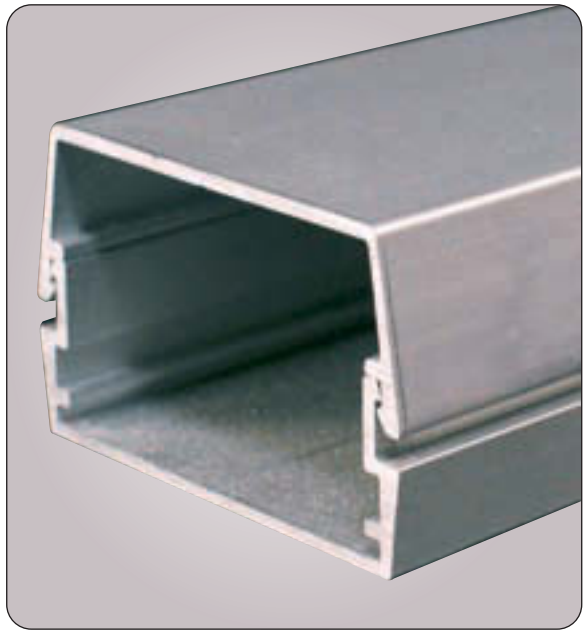
PART NO.	DESCRIPTION
AL2015	<p>TEE – Branch connection of two runs of AL2000 Series Raceway. Three AL2001 Couplings included</p> 
AL2017	<p>INTERNAL ELBOW – Makes 90° internal corners. Two AL2001 Couplings included</p> 
AL2018	<p>EXTERNAL ELBOW – Makes 90° external corners. Two AL2001 Couplings included</p> 
AL2038	<p>ROUND FIXTURE BOX (Solid Base) – Designed for use in hanging fixtures. Cover takes any device with mounting screw centers of 2 3/4", 3 1/2" and 4 1/16" [70mm, 89mm, 103mm]. Base has concentric 1/2" and 3/4" trade size KOs.</p> 
AL2040A	<p>IN-LINE SINGLE POLE SWITCH – Single-pole 120V switch. Two couplings furnished.</p> 
AL2043	<p>IN-LINE RECEPTACLE – Two 15A, 120V U-ground factory wired receptacles. Two couplings furnished.</p> 
AL2043IG	<p>IN-LINE ISOLATED GROUND RECEPTACLE – Two 15A, 120V factory wired, isolated ground, orange receptacles. Two couplings furnished.</p> 

PART NO.	DESCRIPTION															
AL2044 AL2044-2	<p>DEEP DEVICE BOX – For larger receptacles and deep devices such as those of signal and alarm systems. Base has open back plate for mounting to existing wall box and solid back plate insert with 1/2" and 3/4" trade size KOs to close opening.</p>  <table border="1"> <thead> <tr> <th>CAT. NO.</th> <th>L</th> <th>W</th> <th>D</th> <th>GANG</th> </tr> </thead> <tbody> <tr> <td>AL2044</td> <td>4 5/8" [117mm]</td> <td>3 1/16" [78mm]</td> <td>2 1/4" [57mm]</td> <td>1</td> </tr> <tr> <td>AL2044-2</td> <td>4 5/8" [117mm]</td> <td>4 27/32" [123mm]</td> <td>2 1/2" [64mm]</td> <td>2</td> </tr> </tbody> </table>	CAT. NO.	L	W	D	GANG	AL2044	4 5/8" [117mm]	3 1/16" [78mm]	2 1/4" [57mm]	1	AL2044-2	4 5/8" [117mm]	4 27/32" [123mm]	2 1/2" [64mm]	2
CAT. NO.	L	W	D	GANG												
AL2044	4 5/8" [117mm]	3 1/16" [78mm]	2 1/4" [57mm]	1												
AL2044-2	4 5/8" [117mm]	4 27/32" [123mm]	2 1/2" [64mm]	2												
AL2047 AL2047-2	<p>SHALLOW SWITCH & RECEPTACLE BOX – Designed for standard shallow switches and receptacles. Base has open back plate for mounting to existing wall box and solid back plate insert with 1/2" and 3/4" trade size KOs to close opening.</p>  <table border="1"> <thead> <tr> <th>CAT. NO.</th> <th>L</th> <th>W</th> <th>D</th> <th>GANG</th> </tr> </thead> <tbody> <tr> <td>AL2047</td> <td>4 5/8" [117mm]</td> <td>3 1/16" [78mm]</td> <td>1 3/8" [35mm]</td> <td>1</td> </tr> <tr> <td>AL2047-2</td> <td>4 5/8" [117mm]</td> <td>4 27/32" [123mm]</td> <td>1 3/8" [35mm]</td> <td>2</td> </tr> </tbody> </table>	CAT. NO.	L	W	D	GANG	AL2047	4 5/8" [117mm]	3 1/16" [78mm]	1 3/8" [35mm]	1	AL2047-2	4 5/8" [117mm]	4 27/32" [123mm]	1 3/8" [35mm]	2
CAT. NO.	L	W	D	GANG												
AL2047	4 5/8" [117mm]	3 1/16" [78mm]	1 3/8" [35mm]	1												
AL2047-2	4 5/8" [117mm]	4 27/32" [123mm]	1 3/8" [35mm]	2												
AL2051H	<p>BOX ADAPTER – Used to feed raceway from existing wall outlet box.</p> 															

AL2400 SERIES™ RACEWAY

Two-piece, single-channel raceway. Satin anodized finish complements decor in commercial offices, laboratories, and health care facilities.

AL2400 Series™ Raceway UL Code Reference 138
 AL2400 Series™ Raceway Color Options..... 138
 AL2400 Series™ Raceway Wire Fill Capacity Charts 138
 AL2400 Series™ Raceway Ordering Information 139



AL2400 Series Raceway Base & Cover.

CODE REFERENCE

cULus Listed Raceway:
File E4376 Guide RJPR.

Fittings:
File E41751 Guide RJPR.

Raceway & Fittings:
Meet Article 386 of NEC.

Multioutlet Assemblies:
Meet Article 380 of NEC.

AL2400 SERIES RACEWAY COLOR OPTIONS

AL2400 Series™ Raceway is available with a satin anodized finish.



Satin Anodized

AL2400 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

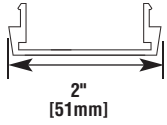
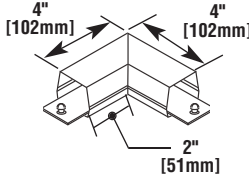
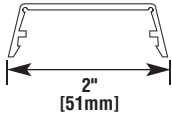
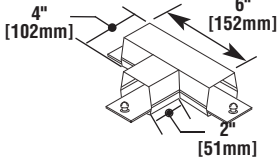
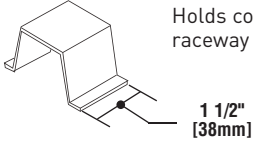
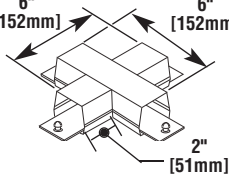
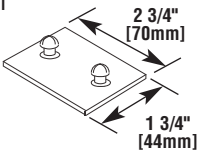
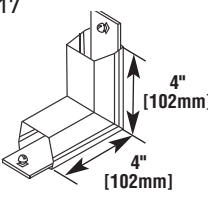
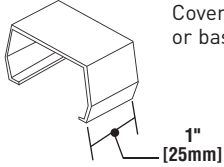
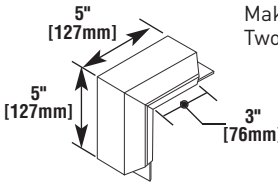
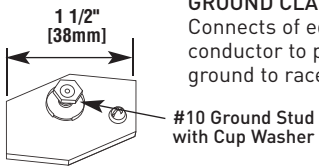
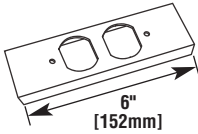
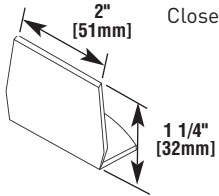
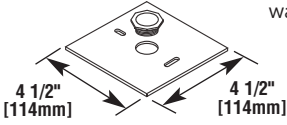
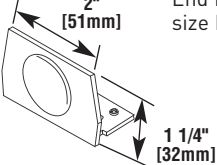
	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	23
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	19
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	13
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	6
	25-pair, 24 AWG	0.410	[10.4]	5
COAXIAL	RG6/U	0.270	[6.9]	11
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	24
	Round 4 Strand Fiber	0.187	[4.8]	24
	Round 6 Strand Fiber	0.256	[6.5]	13

AL2400 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D.		NUMBER OF CONDUCTORS	
	Inches	[mm]	WITHOUT DEVICES	WITH PLUGMOLD RECEPTACLES
14 AWG	0.111	[2.8]	78	16
12 AWG	0.130	[3.3]	58	12
10 AWG	0.164	[4.2]	37	8
8 AWG	0.216	[5.5]	18	4
6 AWG	0.254	[6.5]	13	3

NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

AL2400 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
AL2400B-5 AL2400B-10	RACEWAY BASE – 6063-T5 extruded aluminum, satin anodized finish, .060" [1.5mm] nominal thickness. Packed (12) 5' [1.5m] lengths [AL2400B-5] or six 10' [3m] lengths [AL2400B10] per carton.	AL2411	FLAT ELBOW – Right angle turn on same surface. Two AL2401 Couplings included.
			
AL2400C	RACEWAY COVER – 6063-T5 extruded aluminum, satin anodized finish, .060" [1.5mm] nominal thickness. Packed (12) 5' [1.5m] lengths per carton.	AL2415	TEE – Branch connection of two runs of AL2400 Series Raceway. Three AL2401 Couplings included.
			
AL2400WC	WIRE RETAINER (Plastic) – Holds conductors in place in raceway base.	AL2416	CROSS FITTING – Cross connection of two runs of AL2400 Series Raceway. Four AL2401 Couplings included.
			
AL2401	COUPLING (Galvanized Steel) – Joins lengths of AL2400B Base.	AL2417	INTERNAL ELBOW – Makes 90° internal corners. Two AL2401 Couplings included.
			
AL2406	COVER CLIP (Spring Steel) – Covers seam where lengths of cover or base come together.	AL2418	EXTERNAL ELBOW – Makes 90° external corners. Two AL2401 Couplings included.
			
AL2409	GROUND CLAMP (Galvanized Steel) – Connects of equipment grounding conductor to provide an additional ground to raceway.	AL2446P-D	DUPLEX RECEPTACLE COVER PLATE – For in-line mounting of commercially available duplex receptacle.
			
AL2410B	BLANK END FITTING – Closes off open end of raceway.	AL2451H	BOX ADAPTER – Feeds raceway from existing wall outlet box.
			
AL2410B2	FEED FITTING – End fitting with plastic 1/2" trade size KO.		
			

AL3300 SERIES™ RACEWAY

Two-piece, single-channel raceway. Satin anodized finish complements decor in commercial offices, laboratories, and health care facilities.

AL3300 Series™ Raceway UL Code Reference 140
 AL3300 Series™ Raceway Color Options..... 140
 AL3300 Series™ Raceway Wire Fill Capacity Charts 140
 AL3300 Series™ Raceway Ordering Information 141



AL3300 Series Raceway Base and Cover.

CODE REFERENCE

cULus Listed Raceway:
File E4376 Guide RJPR.

Fittings:
File E41751 Guide RJPR.

Raceway & Fittings:
Meet Article 386 of NEC.

Multioutlet Assemblies:
Meet Article 380 of NEC.

AL3300 SERIES RACEWAY COLOR OPTIONS

AL3300 Series™ Raceway is available with a satin anodized finish.



Satin Anodized

AL3300 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D. Inches [mm]		CAPACITY OF CROSS SECTIONAL AREA					
			WITH DUPLEX DEVICE			WITHOUT DEVICE		
			WITH OFFSET DIVIDER	WITHOUT DIVIDER	WITH HALF DIVIDER	WITH OFFSET DIVIDER	WITHOUT DIVIDER	WITH HALF DIVIDER
			1.35 in ² [871mm ²]	4.40 in ² [2839mm ²]	2.20 in ² [1419mm ²]	1.35 in ² [871mm ²]	4.40 in ² [2839mm ²]	2.20 in ² [1419mm ²]
14 AWG	0.111	[2.8]	59	136	39	59	193	96
12 AWG	0.130	[3.3]	40	93	27	40	132	66
10 AWG	0.164	[4.2]	25	58	17	25	83	41
8 AWG	0.216	[5.5]	14	33	9	14	48	24
6 AWG	0.254	[6.5]	10	24	7	10	34	17

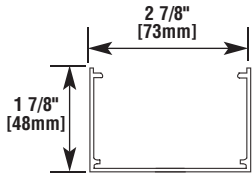
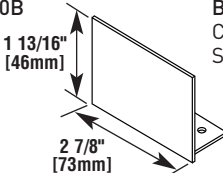

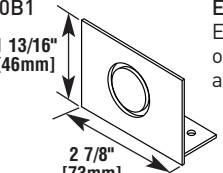
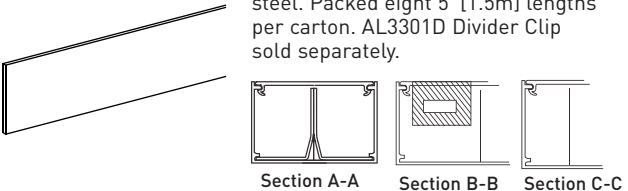
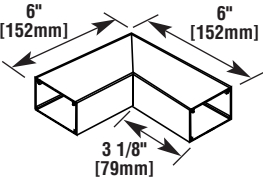
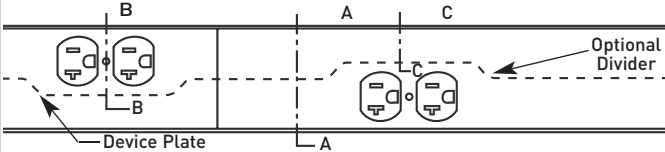
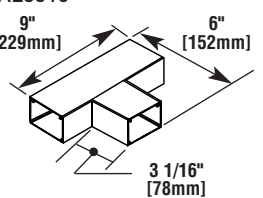
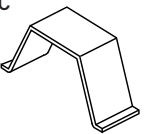
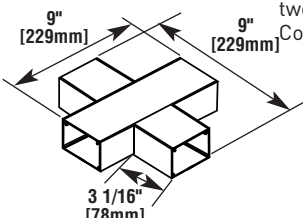
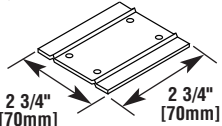
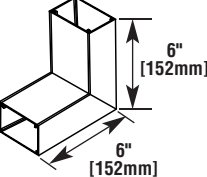
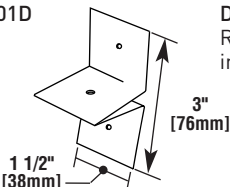
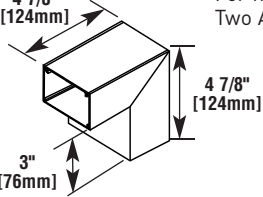
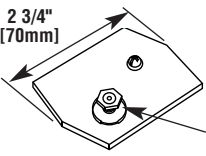
AL3300 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

O.D. (Approx. Dia.) CABLE TYPE	CABLE/WIRE SIZE	Inches [mm]		WITHOUT DIVIDER		WITH OFFSET DIVIDER		WITH HALF DIVIDER	
				1.35 in ² [871mm ²] 20% Fill	40% Fill	4.40 in ² [2839mm ²] 20% Fill	40% Fill	2.20 in ² [1419mm ²] 20% Fill	40% Fill
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	30	61	9	19	15	30
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	25	50	7	15	12	35
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	17	35	5	10	8	17
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	8	17	2	5	4	8
	25-pair, 24 AWG	0.410	[10.4]	6	13	2	4	3	6
COAXIAL	RG6/U 20 Gage	0.270	[6.9]	15	30	4	9	7	15
FIBER	2 Stranded ZipCord	0.118 x 0.236	[3 x 6]	31	63	9	19	15	31
	Round 4 Strand Fiber	0.187	[4.8]	32	64	9	19	16	32
	Round 6 Strand Fiber	0.256	[6.5]	17	34	5	10	8	17

NOTE: For additional information, refer to the Technical Section.

* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

AL3300 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
AL3300B10	RACEWAY BASE – 6063-T5 extruded aluminum, satin anodized finish. Nominal wall thickness .060" [1.5mm]. Packed four 10' [3m] lengths per carton.	AL3310B	BLANK END FITTING – Closes off open end of AL3300 Series Raceway.
			
AL3300C5	RACEWAY COVER – 6063-T5 extruded aluminum, satin anodized finish. Nominal wall thickness .060" [1.5mm]. Packed eight 5' [1.5m] lengths per carton.	AL3310B1	END FITTING – End feeds raceway with 1/2" or 3/4" trade size conduit or armored cable.
			
AL3300D5	DIVIDER – Divider is 0.040" [1.0mm] galvanized steel. Packed eight 5' [1.5m] lengths per carton. AL3301D Divider Clip sold separately.	AL3311	90° FLAT ELBOW FITTING – Right angle turns on same surface. Two AL3301 Couplings included.
			
		AL3315	TEE FITTING – 90° tee connection of two runs of AL3300 Series Raceway. Three AL3301 Couplings included.
			
AL3300WC	WIRE CLIP (Spring Steel) – Holds wires and cables in raceway base. Use with undivided raceway, snaps into grooves in base.	AL3316	CROSS FITTING – 90° cross-through connection of two runs of raceway. Four AL3301 Couplings included.
			
AL3301	BASE COUPLING (Galvanized Steel) – Set screw coupling used for attaching in-line raceway sections.	AL3317	INTERNAL ELBOW FITTING – For making 90° internal corners. Two AL3301 Couplings included.
			
AL3301D	DIVIDER CLIP (Galvanized Steel) – Required for holding AL3300D5 Divider in place. Use one every 30" [762mm].	AL3318	EXTERNAL ELBOW FITTING – For making external corners. Two AL3301 Couplings included.
			
AL3309	GROUND CLAMP (Galvanized Steel) – Connects equipment grounding conductor to raceway.		
			
	#10 Ground Stud with Cup Washer		

AL3300 SERIES RACEWAY ORDERING INFORMATION (continued)			
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
AL3346D	DUPLEX RECEPTACLE COVER – Mounts standard duplex devices to cover. Can also be used with 106 communication frames.	AL3356R	COVER PLATE (With 2" x 2 7/8" [51mm x 73mm] Hole cut) – Installs communication connectivity devices utilizing the industry standard single-gang faceplates. Hole cut is 2" x 2 7/8" [51mm x 73mm]. Faceplates must be ordered separately.
AL3346DO	OFFSET DUPLEX RECEPTACLE COVER PLATE (For Divided Raceway) – Installs duplex devices in divided aluminum raceway. 6" [152mm] offset divider included. Can also be used with 106 communication frames.	AL33562A*	2A MINI ADAPTER COVER PLATE – Installs a single 2A size communication connectivity device [2A opening]. Includes cover and 2A mini adapter.
AL3346E	SINGLE RECEPTACLE COVER PLATE [1.40" diameter] – Installs straight blade and locking single receptacles with face diameters of 1.38"-1.39" [35mm-36mm].	AL3356ABRT	ORTRONICS® COVER PLATE – Accepts only Ortronics® datacom inserts. Supplied with both adapters to accommodate two TracJack™ devices or one Series II device.
AL3346G	RECTANGULAR DEVICE COVER PLATE – Installs rectangular devices including surge receptacles, GFCI, and other rectangular faced single-gang wiring devices. Can also be used with 106 communication frames.	AL3356Z	GROMMETED COVER PLATE – For exiting of communication cable. Grommet furnished.
AL3346GO	OFFSET GFCI RECEPTACLE COVER PLATE (For Divided Raceway) – Installs rectangular devices including surge receptacles, GFCI and other rectangular faced single-gang wiring devices in divided aluminum raceway. 6" [152mm] offset divider included. Can also be used with 106 communication frames.	AL3356-LPB3S2	ORTRONICS® LOW PROFILE ADAPTER COVER PLATE – Accepts only Ortronics® datacom inserts, three Series II devices. Low profile adapter included.
AL3356-ACTLPB	LOW PROFILE ADAPTER COVER PLATE – Installs communication connectivity devices. Includes cover and low profile adapter cover (6A opening).		

* Refer to the Communications Connectivity section of this Product Guide for information on CM2 Series modules.

Why Wiremold . . .

The new Santa Clara County, Calif., Crime Laboratory was designed to meet the needs of current and future technology. Aluminum raceway provides convenient access to power and data – and the ability to easily add or reconfigure space as required.



ALDS4000® SERIES RACEWAY

Dual-channel raceway. Provides 1/3 more capacity in sleek, innovative design. Meets or exceeds industry standards.

ALDS4000® Series Raceway UL Code Reference..... 143
 ALDS4000® Series Raceway Color Options 143
 ALDS4000® Series Raceway System Layout143
 ALDS4000® Series Raceway Wire Fill Capacity Charts 144
 ALDS4000® Series Raceway Ordering Information 145

CODE REFERENCE

cULus Listed Raceway:
 File E4376 Guide RJBT.
Fittings:
 File E41751 Guide RJPR.
 Meets Article 386 of NEC.
 Meets Section 12-1600 of CEC.



Factory -prewired ALDS4000 Series Raceway can be configured with innovative, downward-facing fittings.

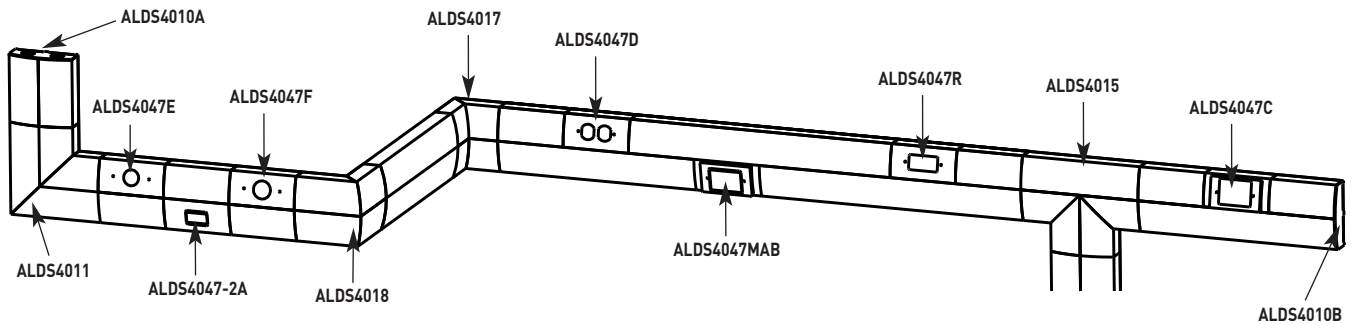
ALDS4000 SERIES RACEWAY COLOR OPTIONS

ALDS4000® Series Raceway is available with a satin anodized finish.



Satin Anodized

ALDS4000 RACEWAY SYSTEM LAYOUT



NOTE: Illustration is for showing product applications only.

KEY

ALDS4011	Flat Elbow	ALDS4047D	Duplex Device Plate
ALDS4010A	Entrance End Fitting	ALDS4047MAB	MAB Device Plate
ALDS4047E	1.41 Dia. Device Plate	ALDS4047R	Decorator Device Plate
ALDS4047-2A	Mini adapter Device Plate	ALDS4015	Tee
ALDS4047F	1.59 Dia. Device Plate	ALDS4047C	One-Gang Device Plate
ALDS4018	External Elbow	ALDS4010B	Blank End Fitting
ALDS4017	Internal Elbow		

ALDS4000 DESIGNER SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER						
WIRE SIZE THHN/THWN	O.D.		NO. OF CONDUCTORS (40%)	w/DUPLEX RECT. DEVICES	W/SURGE/ GFCI DEVICES	LARGE SINGLE RECEPTACLE
	Inches	[mm]				
14 AWG	0.111	[2.8]	200	134	105	76
12 AWG	0.130	[3.3]	146	98	77	56
10 AWG	0.164	[4.2]	92	62	48	35
8 AWG	0.216	[5.5]	53	36	28	20
6 AWG	0.254	[6.5]	38	26	20	158

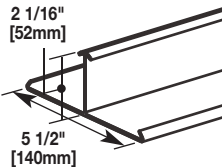
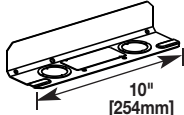
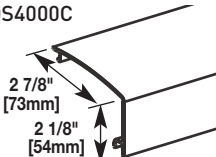
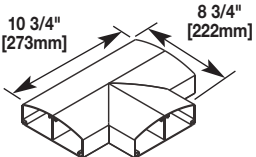
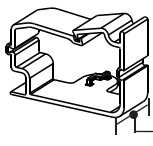
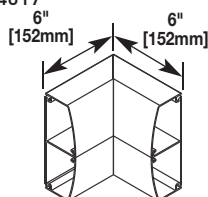
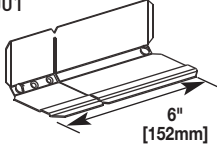
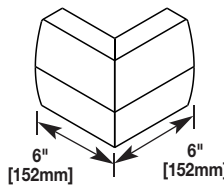

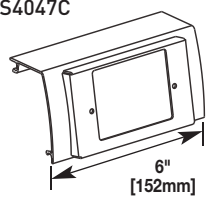
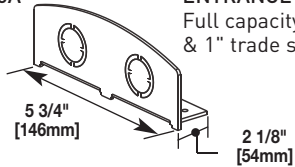
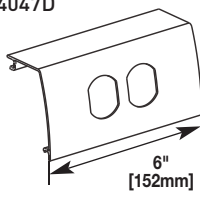
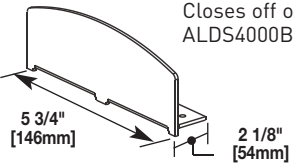
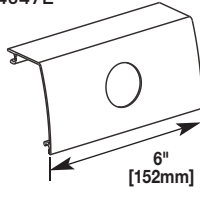
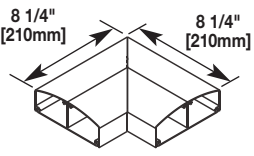
ALDS4000 DESIGNER SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS				
	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% Fill 1/2 COMPARTMENT
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	68
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	56
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	40
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	22
	25-pair, 24 AWG	0.410	[10.4]	19
COAXIAL	RG6/U	0.270	[6.9]	34
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	70
	Round 4 Strand Fiber	0.187	[4.8]	71
	Round 6 Strand Fiber	0.256	[6.5]	38

NOTE: For additional information, refer to the Technical Section.
 * Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

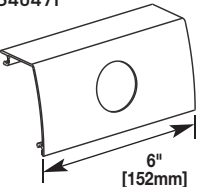
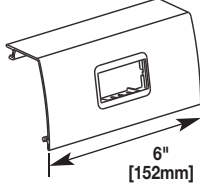
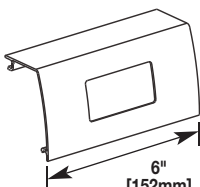
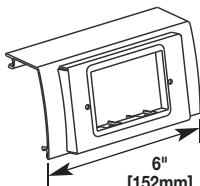
ALDS4000 DESIGNER SERIES RACEWAY FITTINGS WIRE FILL CAPACITIES											
WIRE SIZE/THHN		O.D. (Approx. Dia.)		ALDS4011		ALDS4015		ALDS4017		ALDS4018	
		Inches	[mm]	40%	60%	40%	60%	40%	60%	40%	60%
THHN	14	0.111	[2.8]	122	182	49	73	75	112	133	199
	12	0.130	[3.3]	89	133	35	53	54	82	97	145
	10	0.164	[4.2]	56	84	22	34	34	51	61	92
	8	0.216	[5.5]	32	48	13	19	20	30	35	53
	6	0.254	[6.5]	23	35	9	14	14	21	25	38
UTP	4-pair, 24 AWG	0.150	[4.8]	67	100	27	40	41	61	73	109
	4-pair, 24 AWG, Cat 3	0.190	[4.8]	42	62	17	25	25	38	45	68
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	34	51	14	20	21	31	37	56
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	24	36	10	14	15	22	26	39
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	13	20	6	8	8	12	15	22
25-pair, 24 AWG	0.410	[10.4]	12	17	6	7	7	11	13	19	
COAXIAL	RG6/U	0.270	[6.9]	21	31	8	12	13	19	22	34
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	42	64	17	25	26	39	46	69
	Round 4 Strand Fiber	0.187	[4.8]	43	64	17	26	26	40	47	70
	Round 6 Strand Fiber	0.256	[6.5]	23	34	9	14	14	21	25	38

NOTE: 40% and 60% Wire fill capacities are calculated using radius control inserts. Inserts are factory installed and may be removed if not required to obtain full raceway capacity.
 * Entrance end fitting fill rate is calculated using backfeed capability and radius inserts. Inserts are removable and fitting can obtain maximum raceway fill from utilizing end fitting knockouts and removing radius control inserts.

ALDS4000 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
ALDS4000B	RACEWAY BASE - .060 [1.52mm] satin anodized finish. Packed four 10' [3.05m] lengths per carton.	DS4014A	BACKFEED COUPLING - Extra long coupling allows attachment to wall box or back fed to 1" or 1 1/4" trade size conduit.
			
ALDS4000C	RACEWAY COVER - .060 [1.52mm] satin anodized finish. Packed eight 5' [1.5m] lengths per carton. Two covers per base.	ALDS4015	DIVIDED TEE - Divided Tee fitting. For new lay-in or pull-through installations. Includes two pairs of DS4001 Couplings.
			
DS4000WC	WIRE CLIP - Holds conductors in place.	ALDS4017	INTERNAL ELBOW - Internal corner for new lay-in or pull-through installations. Includes one pair of DS4001 Couplings.
			
DS4001	ADJUST-TO-FIT™ COUPLING - Joins lengths of ALDS4000B together. Sold in pairs.	ALDS4018	EXTERNAL ELBOW - External corner for new lay-in or pull-through installations. Includes one pair of DS4001 Couplings.
			
ALDS4006	SEAM CLIP - Covers seam where two sections of ALDS4000C come together.	ALDS4047C	SINGLE-CHANNEL ONE-GANG DEVICE PLATE - Use with commercially-available single-gang flush plate.
			
ALDS4010A	ENTRANCE END FITTING - Full capacity End Fitting. Has two 3/4" & 1" trade size KOs.	ALDS4047D	SINGLE-CHANNEL DUPLEX DEVICE PLATE - For 15A and 20A duplex receptacles, or 106 style data frames.
			
ALDS4010B	BLANK END FITTING - Closes off open end of ALDS4000B Base.	ALDS4047E	SINGLE-CHANNEL 1.41\" DIAMETER DEVICE PLATE - For straight blade and locking receptacles.
			
ALDS4011	FLAT ELBOW - Flat corner for new lay-in or pull-through applications. Includes one pair of DS4001 Couplings.		
			

ALDS4000 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
<p>ALDS4047F</p> 	<p>SINGLE-CHANNEL 1.59" DIAMETER DEVICE PLATE - For straight blade and locking receptacles.</p>	<p>ALDS4047-2A*</p> 	<p>SINGLE-CHANNEL 2A MINI ADAPTER DEVICE PLATE - 2A opening. Includes adapters for Ortronics TracJack, Series II, Wiremold CM2 Series inserts, Pass & Seymour Activate and other manufacturers.</p>
<p>ALDS4047R</p> 	<p>SINGLE-CHANNEL DECORATOR DEVICE PLATE - For 15A and 20A decorator receptacles.</p>	<p>ALDS4047MAB*</p> 	<p>SINGLE-CHANNEL MAB DEVICE PLATE - For installing , Wiremold CM2 Series inserts and Activate connectivity inserts. Provides flush installation. Includes 6A CM-MAB adapter.</p>

* Refer to the Communications Connectivity section of this Product Guide for information on CM2 Series modules.

ALA3800 SERIES™ RACEWAY

Single-channel raceway. Satin anodized finish complements decor in commercial offices, laboratories, and health care facilities.

ALA3800 Series™ Raceway UL Code Reference 147
 ALA3800 Series™ Raceway Color Options 147
 ALA3800 Series™ Raceway Wire Fill Capacity Charts 147
 ALA3800 Series™ Raceway Ordering Information 148

CODE REFERENCE

cULus Listed Raceway:
 File E4376 Guide RJBT.

Fittings:
 File E41751 Guide RJPR.

Raceway & Fittings:
 Meets Article 386 of NEC.

Multioutlet Assemblies:
 Meets Article 380 of NEC.



ALA3800 Series Raceway Base & Cover.

ALA3800 SERIES RACEWAY COLOR OPTIONS

ALA3800 Series™ Raceway is available with a satin anodized finish.



Satin Anodized

ALA3800 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

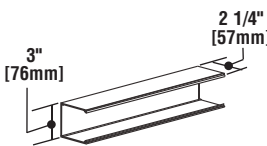
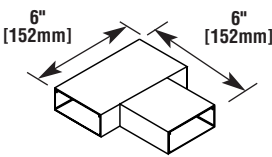
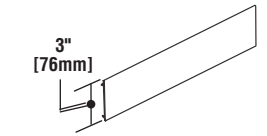
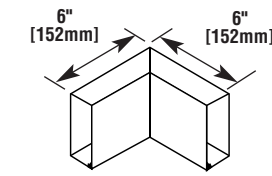
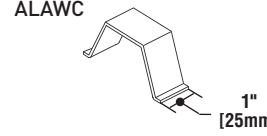
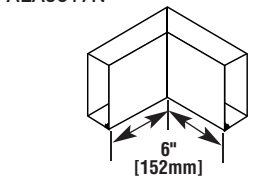
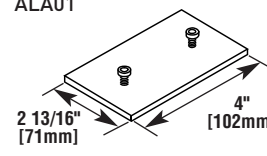
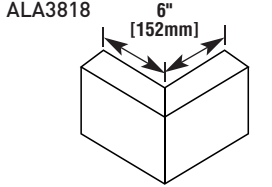
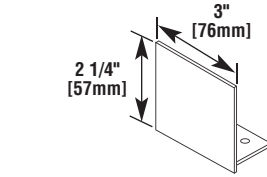
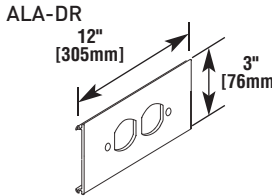
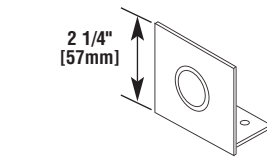
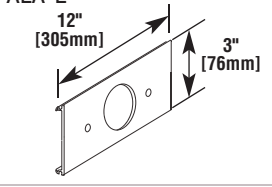
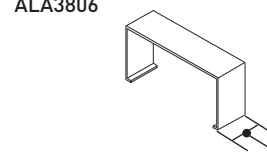
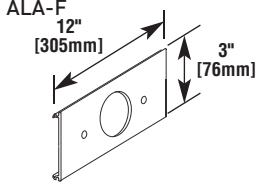
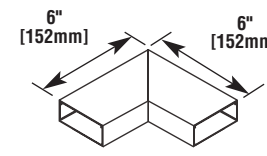
	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	86
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	70
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	50
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	25
	25-pair, 24 AWG	0.410	[10.4]	24
COAXIAL	RG6/U	0.270	[6.9]	43
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	88
	Round 4 Strand Fiber	0.187	[4.8]	89
	Round 6 Strand Fiber	0.256	[6.5]	47

NOTE: For additional information, refer to the Technical Section.

* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

ALA3800 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

	WIRE SIZE THHN/THWN	O.D.		40% FILL
		Inches	[mm]	
Power Wiring Without Devices	14 AWG	0.111	[2.8]	214
	12 AWG	0.130	[3.3]	156
	10 AWG	0.164	[4.2]	98
	8 AWG	0.216	[5.5]	56
	6 AWG	0.254	[6.5]	41
Power Wiring With Devices [2.04 Sq. In. [51.82mm]]	14 AWG	0.111	[2.8]	159
	12 AWG	0.130	[3.3]	116
	10 AWG	0.164	[4.2]	73
	8 AWG	0.216	[5.5]	42
	6 AWG	0.254	[6.5]	30

ALA3800 SERIES RACEWAY ORDERING INFORMATION			
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
ALA3800B-10	SINGLE COMPARTMENT RACEWAY BASE – Satin Anodized finish. Nominal wall thickness of .078" [1.99mm]. Packed four 10' [3m] lengths per carton.	ALA3815	TEE – For branch connections of two runs of ALA3800 Series Raceway. Includes three ALA01 Couplings.
			
ALAC-5	RACEWAY COVER – Satin Anodized finish. Nominal wall thickness of .078" [1.99mm]. Packed eight 5' [1.50m] lengths per carton. ALAC-5 is compatible with ALA3800 and ALA4800 Series Raceways.	ALA3817	INTERNAL ELBOW – For making a 90° internal turn in a raceway run. Includes two ALA01 Couplings.
			
ALAWC	WIRE CLIP – Holds conductors in place in long raceway runs. Snaps into grooves on base.	ALA3817N	INVERTED INTERNAL ELBOW – For connecting a vertical run of ALA3800 Series Raceway with a horizontal run with its cover facing up. Includes two ALA01 Couplings.
			
ALA01	COUPLINGS – Joins lengths of inline ALA3800B-10 Raceway Base together.	ALA3818	EXTERNAL ELBOW – For making a 90° external turn in a raceway run. Includes two ALA01 Couplings.
			
ALA3810B	BLANK END FITTING – Closes off open end of raceway.	ALA-DR	DUPLEX RECEPTACLE COVER PLATE – Mounts standard duplex device to the cover.
			
ALA3810B1	ENTRANCE END FITTING – For feeding raceway, has concentric 1/2" and 3/4" trade size knockouts.	ALA-E	SINGLE RECEPTACLE COVER PLATE (1.40" [35.40MM]) – Installs commercially available straight blade and locking single receptacle with face diameters of 1.38"-1.39" [36mm-37mm].
			
ALA3806	COVER CLIP – Covers seam where lengths of raceway come together.	ALA-F	SINGLE RECEPTACLE COVER PLATE (1.59" [38.90MM]) – Installs commercially available straight blade and locking single receptacle with face diameters of 1.56"-1.58" [38mm-39mm].
			
ALA3811	FLAT ELBOW – For making a 90° flat turn in a raceway run. Includes two ALA01 Couplings.		
			

ALA3800 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
ALA-G	GFCI/SURGE/DECORATOR COVER PLATE – Mounts commercially available GFCI or surge suppression receptacles.	ALA-MAB*	6A MINI ADAPTER COVER PLATE – Accepts three (3) Wiremold CM2 Series communication connectivity inserts. Provides a flush installation. Includes cover and 6A mini adapter, (6A-opening)
ALA-J	SINGLE RECEPTACLE COVER PLATE – Mounts commercially available straight blade or locking single receptacles with face diameters of 2.13" [52mm].	ALA-MABRT	ORTRONICS® COVER PLATE – Accepts six Ortronics® Tracjack or three Series II datacom inserts. Both adapters included.
ALA-N	TOGGLE SWITCH COVER PLATE – Mounts toggle switch in line.	ALA-SG	COVER PLATE with 1 3/4" x 2 15/16" OPENING – Installs communication connectivity devices utilizing industry standard single-gang faceplates. Hole cut is 1 3/4" x 2 15/16" [44mm x 75mm]. Faceplates must be ordered separately.
ALA-LPB*	LOW PROFILE ADAPTER COVER PLATE – Accepts three (3) Wiremold CM2 Series communication connectivity inserts. Includes cover and low profile adapter, (6A-opening).	ALA-2A*	2A MINI ADAPTER COVER PLATE – Accepts one (1) Wiremold CM2 Series communication connectivity device. Includes cover and 2A mini adapter, (2A-opening).
ALA-LPB3S2	ORTRONICS® LOW PROFILE ADAPTER COVER PLATE – Accepts three Ortronics® Series II datacom inserts. Low profile adapter included.	ALA-Z	3/4" [19.1mm] GROMMET/MOUSE HOLE DEVICE COVER PLATE – Facilitates the exit of communication cabling. Grommet included.

NOTE: All device plates are 3" x 12" [76mm x 305mm]. These parts are compatible with both ALA4800 and ALA3800 Series Raceways.

* Refer to the Communications Connectivity section of this Product Guide for information on CM2 Series modules.

ALA4800 SERIES™ RACEWAY

Dual-channel raceway. Satin anodized finish complements decor in commercial offices, laboratories, and health care facilities.

ALA4800 Series™ Raceway UL Code Reference 150
 ALA4800 Series™ Raceway Color Options 150
 ALA4800 Series™ Raceway Wire Fill Capacity Charts 150
 ALA4800 Series™ Raceway Ordering Information 151

CODE REFERENCE

cULus Listed Raceway:
 File E4376 Guide RJBT.

Fittings:
 File E41751 Guide RJPR.

Raceway & Fittings:
 Meets Article 386 of NEC.

Multioutlet Assemblies:
 Meets Article 380 of NEC.



ALA4800 Series Raceway Base & Cover.

ALA4800 SERIES RACEWAY COLOR OPTIONS

ALA4800 Series™ Raceway is available with a satin anodized finish.



Satin Anodized

ALA4800 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL
		Inches	[mm]	
UNSHIELDED TWISTED PAIR (Each Compartment)	4-pair, 24 AWG, Cat 3	0.190	[4.8]	86
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	70
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	50
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	25
	25-pair, 24 AWG	0.410	[10.4]	24
COAXIAL	RG6/U	0.270	[6.9]	43
FIBER (Each Compartment)	ZipCord	0.118 x 0.236	[3 x 6]	88
	Round 4 Strand Fiber	0.187	[4.8]	89
	Round 6 Strand Fiber	0.256	[6.5]	47

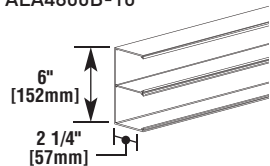
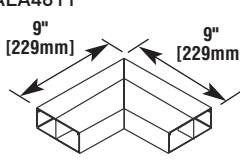
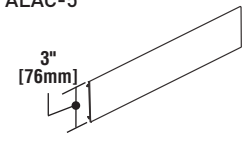
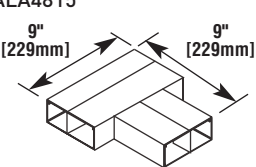
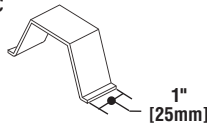
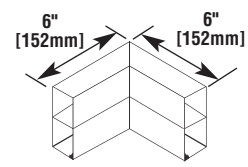
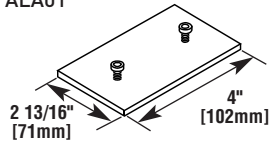
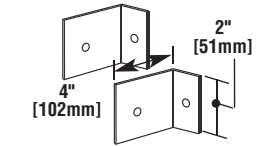
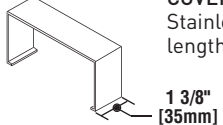
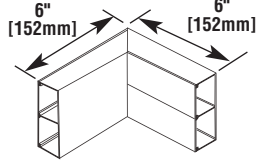
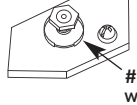
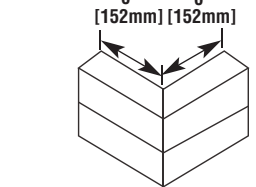
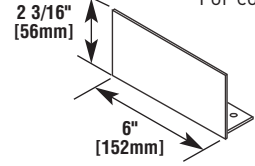
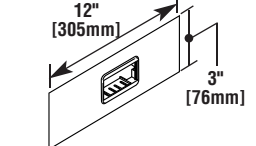
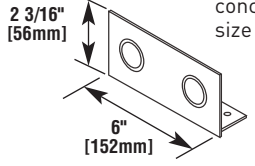
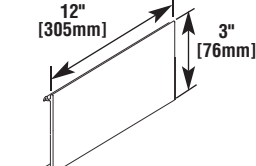
ALA4800 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

	WIRE SIZE THHN/THWN	O.D.		40% FILL
		Inches	[mm]	
Power Wiring Without Devices (Each Compartment)	14 AWG	0.105	[2.7]	214
	12 AWG	0.122	[3.0]	156
	10 AWG	0.153	[3.0]	98
	8 AWG	0.218	[5.5]	56
	6 AWG	0.257	[6.5]	41
Power Wiring With Devices (2.04 Sq. In. [51.82mm]) (Each Compartment)	14 AWG	0.105	[2.7]	159
	12 AWG	0.122	[3.0]	116
	10 AWG	0.153	[3.9]	73
	8 AWG	0.218	[5.5]	42
	6 AWG	0.257	[6.5]	30

NOTE: For additional information, refer to the Technical Section.

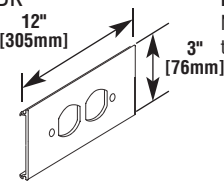
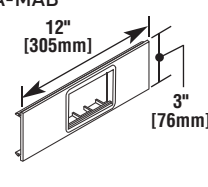
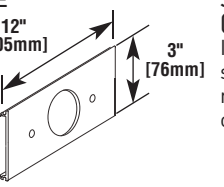
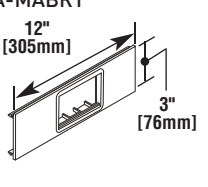
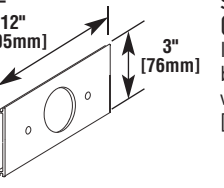
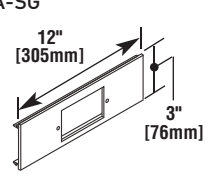
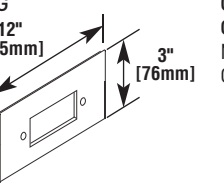
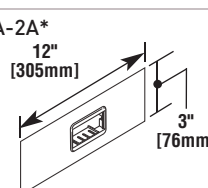
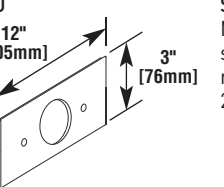
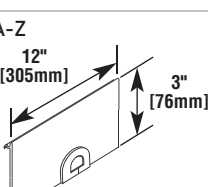
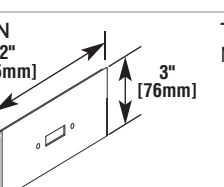
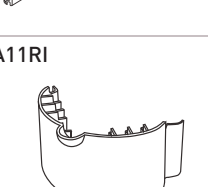
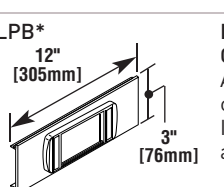
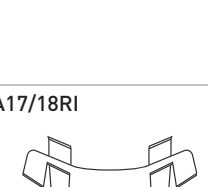
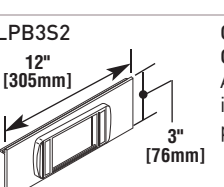
* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

ALA4800 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
ALA4800B-10	DUAL COMPARTMENT RACEWAY BASE – 6063-T5 extruded aluminum, satin anodized finish, .078" [1.98mm] wall thickness. Base has integral divider for separation of service. Packed 40' [12m] per carton. 	ALA4811	FLAT ELBOW – Makes 90° flat turn in a raceway run. Includes four ALA01 Couplings. 
ALAC-5	RACEWAY COVER – 6063-T5 extruded aluminum, satin anodized finish, .078" [1.98mm] wall thickness. Two covers per base. Allows only one compartment to be accessed at a time. Packed 40' [12m] per carton. ALAC-5 is compatible with ALA4800 Series and ALA3800 Series Raceways. 	ALA4815	TEE – For branch connections of two runs of ALA4800 Series Raceway. Includes six ALA01 Couplings. 
ALAWC	WIRE CLIP – For holding conductors in place in long raceway runs. Snaps into grooves in base. 	ALA4817	INTERNAL ELBOW – To make an internal turn in a raceway run. Includes four ALA01 Couplings. 
ALA01	COUPLINGS – Joins lengths of inline ALA4800B-10 Raceway Base together. Two required per section of base. 	ALA17A	INTERNAL CORNER COUPLING – For butting two raceway sections to form an internal 90° turn in a raceway run. 
ALA4806	COVER CLIP – Stainless steel clip to cover joint where lengths of cover or base come together. 	ALA4817N	INVERTED INTERNAL ELBOW – For connecting a vertical run of ALA4800 Series Raceway with a horizontal run with its cover facing up. Includes four ALA01 Couplings. 
ALA09	GROUNDING ADAPTER – For connection of equipment grounding conductor to provide additional ground to raceway. 	ALA4818	EXTERNAL ELBOW – For making a 90° external turn in a raceway run. Includes four ALA01 Couplings. 
ALA4810B	BLANK END FITTING – For covering ends of raceway. 	ALA-ABRT	ORTRONICS® COVER PLATE – For two Ortronics® TracJack or one Series II datacom insert. Both adapters included. 
ALA4810B2	ENTRANCE END FITTING – For feeding raceway, has two concentric 1/2" and 3/4" trade size KOs. 	ALA-BL	BLANK COVER PLATE – To cover a 12" [305mm] section of raceway. 

NOTE: These parts are compatible with both ALA4800 and ALA3800 Series Raceways.

ALA4800 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
ALA-DR	DUPLEX RECEPTACLE COVER PLATE – Mounts standard duplex device to the cover. 	ALA-MAB*	6A MINI ADAPTER COVER PLATE – Accepts three (3) Wiremold CM2 Series communication connectivity inserts. Provides a flush installation. Includes cover and 6A mini adapter, (6A-opening). 
ALA-E	SINGLE RECEPTACLE COVER PLATE [1.40" [35.40MM]] – Installs commercially available straight blade and locking single receptacle with face diameters of 1.38"-1.39" [36mm-37mm]. 	ALA-MABRT	ORTRONICS® COVER PLATE – Accepts six Ortronics® Tracjack or three Series II datacom inserts. Both adapters included. 
ALA-F	SINGLE RECEPTACLE COVER PLATE [1.59" [38.90MM]] – Installs commercially available straight blade and locking single receptacle with face diameters of 1.56"-1.58" [38mm-39mm]. 	ALA-SG	COVER PLATE with 1 3/4" x 2 15/16" OPENING – Installs communication connectivity devices utilizing industry standard single-gang faceplates. Hole cut is 1 3/4" x 2 15/16" [44mm x 75mm]. Faceplates must be ordered separately. 
ALA-G	GFCI/SURGE/DECORATOR COVER PLATE – Mounts commercially available GFCI or surge suppression receptacles. 	ALA-2A*	2A MINI ADAPTER COVER PLATE – Accepts three (3) Wiremold CM2 Series communication connectivity devices. Includes cover and 2A mini adapter, (2A-opening). 
ALA-J	SINGLE RECEPTACLE COVER PLATE – Mounts commercially available straight blade or locking single receptacles with face diameters of 2.13" [52mm]. 	ALA-Z	3/4" [19.1mm] GROMMET/MOUSE HOLE DEVICE COVER PLATE – Facilitates the exit of communication cabling. Grommet included. 
ALA-N	TOGGLE SWITCH COVER PLATE – Mounts toggle switch in line. 	ALA11RI	RADIUSED INSERT – A radiused insert for the ALA3811 and ALA4811 flat elbow to provide a bend radius of 2" [51mm] for Fiber Optic/Category 5e installations. The insert is ideal for new and retrofit applications whether the cable installation is lay-in or pull-through. 
ALA-LPB*	LOW PROFILE ADAPTER COVER PLATE – Accepts three (3) Wiremold CM2 Series communication connectivity inserts. Includes cover and low profile adapter, (6A-opening). 	ALA17/18RI	RADIUSED INSERT – A radiused insert for ALA3817, ALA4817, ALA3817N, ALA4817N, ALA3818, and ALA4818 fittings to provide a bend radius of 2" [51mm] for Fiber Optic/Category 5e installations. The insert is ideal for new and retrofit applications whether the cable installation is lay-in or pull-through. 
ALA-LPB3S2	ORTRONICS® LOW PROFILE ADAPTER COVER PLATE – Accepts three Ortronics® datacom inserts for three Series II devices. Low profile adapter included. 		

NOTE: All device plates are 3" x 12" [76mm x 305mm]. These parts are compatible with both ALA4800 and ALA3800 Series Raceways.

* Refer to the Communications Connectivity section of this Product Guide for information on CM2 Series modules.

AL5200 SERIES™ RACEWAY

Two-piece raceway. Field-installed divider provides for numerous raceway channel configurations. Satin anodized finish complements decor in commercial offices, laboratories, and health care facilities.

AL5200 Series™ Raceway UL Code Reference 153
 AL5200 Series™ Raceway Color Options..... 153
 AL5200 Series™ Raceway System Layout 153
 AL5200 Series™ Raceway Wire Fill Capacity Charts 154
 AL5200 Series™ Raceway Ordering Information 154



AL5200 Series Raceway Base & Cover.

CODE REFERENCE

cULus Listed Raceway:
File E4376 Guide RJPR.

Fittings:
File E41751 Guide RJPR.

Raceway & Fittings:
Meet Article 386 of NEC.

Multioutlet Assemblies:
Meet Article 380 of NEC.

AL5200 SERIES RACEWAY COLOR OPTIONS

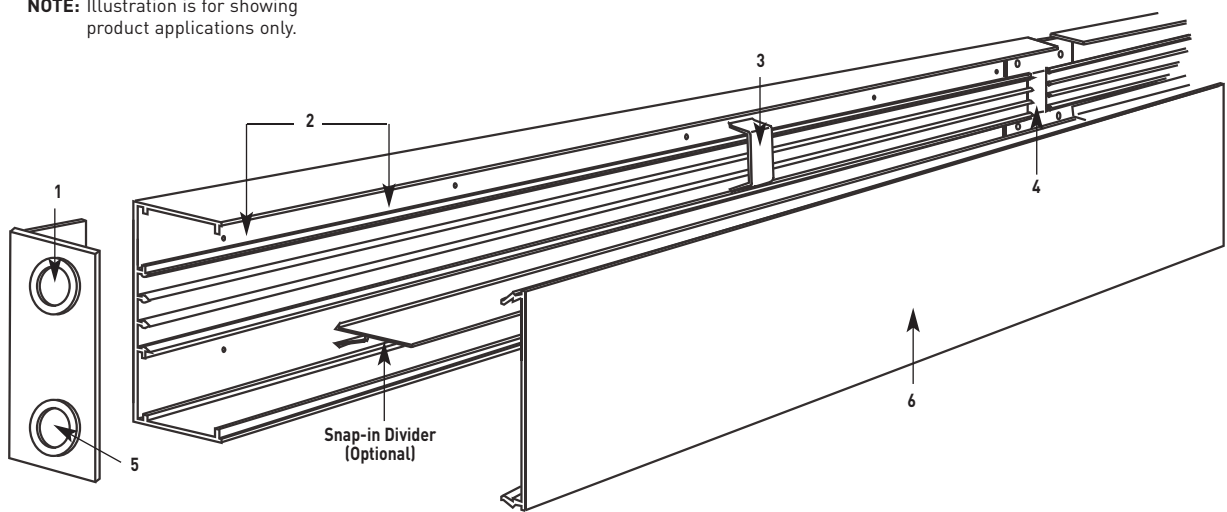
AL5200 Series™ Raceway is available with a satin anodized finish.



Satin Anodized

AL5200 SERIES RACEWAY SYSTEM LAYOUT

NOTE: Illustration is for showing product applications only.



KEY

- 1 Provide electrical feed through 1/2" or 3/4" [12.7mm or 19.1mm] KOs in AL5210B2 End Cap.
- 2 Attach base section to mounting surface by drilling 9/32" [7.1mm] holes in the base, and using #8 flathead screws.
- 3 Secure conductors in place with AL5200WC Wire Clip.
- 4 Join additional raceway sections with two AL5201 Couplings.
- 5 Close ends with AL5210B2 Blank End Fittings.
- 6 Snap cover into base to complete installation.

AL5200 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D. inches [mm]		NUMBER OF CONDUCTORS (40% FILL) WITHOUT DEVICES							
			2.40 in. ² [1550mm ²]	2.85 in. ² [1840mm ²]	3.50 in. ² [2260mm ²]	3.90 in. ² [2520mm ²]	4.50 in. ² [2900mm ²]	4.80 in. ² [3100mm ²]	5.50 in. ² [3550mm ²]	8.50 in. ² [5480mm ²]
14 AWG	0.111	[2.8]	98	117	144	160	185	197	226	350
12 AWG	0.130	[3.3]	72	85	105	117	135	144	165	255
10 AWG	0.164	[4.2]	45	54	66	73	85	90	104	161
8 AWG	0.216	[5.5]	26	31	38	42	49	52	60	92
6 AWG	0.254	[6.5]	18	22	27	30	35	37	43	67

WIRE SIZE THHN/THWN	O.D. inches [mm]		WITH DUPLEX RECTANGULAR DEVICES 1.59 in. ² [1025mm ²]							
			2.85 in. ² [1840mm ²]	3.50 in. ² [2260mm ²]	3.90 in. ² [2520mm ²]	4.50 in. ² [2900mm ²]	4.80 in. ² [3100mm ²]	5.50 in. ² [3550mm ²]	8.50 in. ² [5480mm ²]	
14 AWG	0.111	[2.8]	54	78	95	120	132	161	284	
12 AWG	0.130	[3.3]	39	57	69	87	96	117	207	
10 AWG	0.164	[4.2]	24	36	43	55	60	74	130	
8 AWG	0.216	[5.5]	14	20	25	31	35	42	75	
6 AWG	0.254	[6.5]	10	15	18	22	25	30	54	

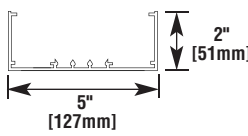

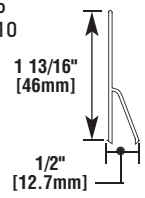
AL5200 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

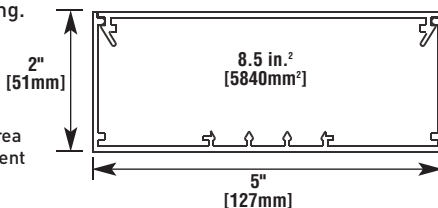
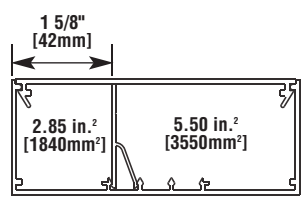
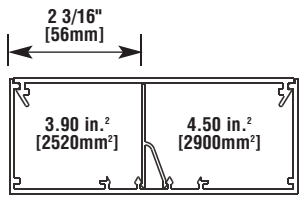
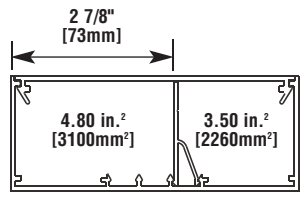
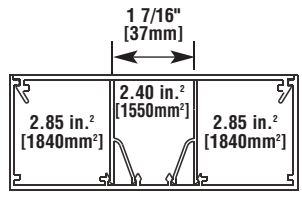
	CABLE/WIRE SIZE	40% FILL CAPACITY CROSS SECTIONAL AREA									
		O.D. (Approx. Dia.) Inches [mm]	2.40 in. ² [1550mm ²]	2.85 in. ² [1840mm ²]	3.50 in. ² [2260mm ²]	3.90 in. ² [2520mm ²]	4.50 in. ² [2900mm ²]	4.80 in. ² [3100mm ²]	5.50 in. ² [3550mm ²]	8.50 in. ² [5480mm ²]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	33	40	49	55	63	67	77	119
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	27	32	40	45	51	55	63	98
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	19	23	28	31	36	39	44	69
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	9	11	14	15	18	19	22	34
	25-pair, 24 AWG	0.410	[10.4]	7	8	10	11	13	14	16	25
COAXIAL	RG6/U	0.270	[6.9]	16	19	24	27	31	33	38	59
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	34	41	50	56	64	69	79	122
	Round 4 Strand Fiber	0.187	[4.8]	34	41	51	56	65	69	80	123
	Round 6 Strand Fiber	0.256	[6.5]	18	22	27	30	34	37	42	66

NOTE: For additional information, refer to the Technical Section.

* Category 6 augmented [6a] cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

AL5200 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION
AL5200B-5 AL5200B-10	RACEWAY BASE – 6063-T5 extruded aluminum, satin anodized finish, .080" [2.03mm] wall thickness. Base has four ribs for snap-in divider. AL5200B-5 is packed eight 5' [1.5m] lengths and AL5200B-10 is packed four 10' [3m] lengths per carton.
	
AL5200C-5 AL5200C-10	RACEWAY COVER – 6063-T5 extruded aluminum, satin anodized finish, .075" [1.9mm] wall thickness. AL5200C-5 is packed eight 5' [1.5m] lengths and AL5200C-10 is packed four 10' [3m] lengths per carton.
	
AL5200D-5 AL5200D-10	DIVIDER – Extruded .050" [1.8mm] thick aluminum. AL5200D-5 is packed eight 5' [1.5m] lengths and AL5200D-10 is packed four 10' [3m] lengths per carton.
	

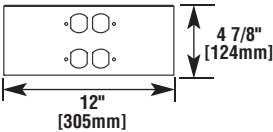
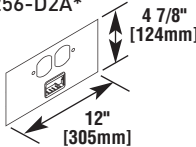
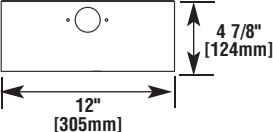
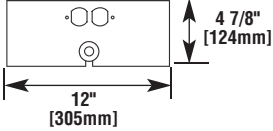
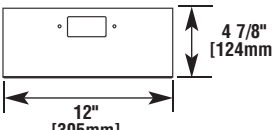
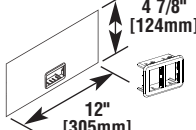
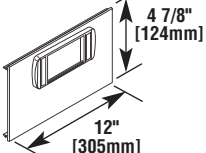
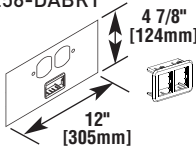
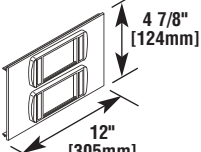
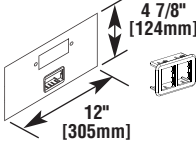
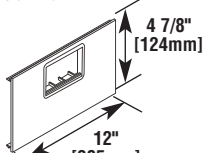
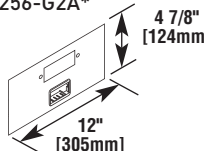
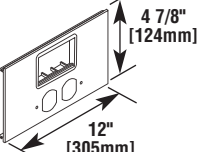
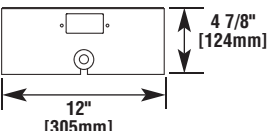
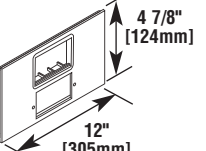
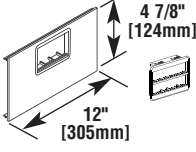
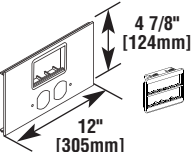
PART NO.	DESCRIPTION
	Raceway may be configured in single or multiple channels in several versatile ways to accommodate power or communications wiring.
	
NOTE: Cross-sectional area of each compartment indicated.	
	
	
	
	

AL5200 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION
AL5200WC AL5200WC2 AL5200WC3	WIRE CLIP – For holding conductors in place in long raceway runs. Snaps into grooves in raceway. AL5200WC Full, AL5200WC2 3/4, and AL5200WC3 1/2.
AL5201	COUPLING – Set screw couplings. Use two for attaching in-line raceway sections.
AL5206	COVER CLIP (Spring Steel) – Covers seam where lengths of cover or base come together.
AL5209	GROUNDING ADAPTER – Connects equipment grounding conductor to provide an additional ground to raceway.
AL5210B	BLANK END FITTING – Closes off open ends of raceway.
AL5210B1 AL5210B2 AL5210B3	ENTRANCE END FITTING – With single or multiple concentric 1/2" and 3/4" trade size KOs for conduit connections. (AL5210B1 and AL5210B3, not shown, have one and three double KOs respectively.)
AL5211	FLAT ELBOW – Makes a 90° flat turn in a raceway run. Includes two pairs of AL5201 Couplings.
AL5214	WALL BOX CONNECTOR – Feeds raceway from a wall-mounted outlet box. Rectangular hole cut or concentric 1/2" and 3/4" trade size KOs. Couplings included.

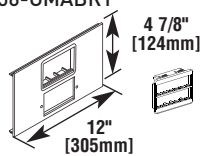
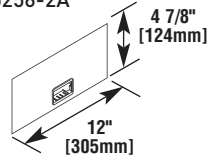
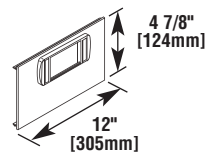
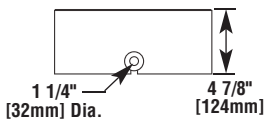
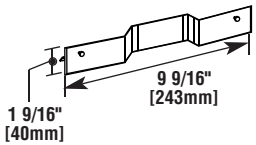
PART NO.	DESCRIPTION
AL5215	TEE – Branch connection of two runs of AL5200 Series Raceway. Includes three pairs of AL5201 Couplings.
AL5216	CROSS FITTING – Cross through connection in a raceway run. Includes four pairs of AL5201 Couplings.
AL5217	INTERNAL ELBOW – Makes 90° internal corner in a raceway run. Includes two pairs of AL5201 Couplings.
AL5217A	INTERNAL CORNER COUPLING – Connects two raceway sections to form an internal 90° turn in a raceway run.
AL5217N	INVERTED INTERNAL ELBOW – Connects a vertical run of AL5200 Series Raceway with a horizontal overhead run with its cover facing up.
AL5218	EXTERNAL ELBOW – Makes a 90° external turn in a raceway run. Includes two pair of AL5201 Couplings.
AL5246-B	BLANK COVER – Covers a 12" [305mm] section of raceway.
AL5246-D	DUPLEX RECEPTACLE COVER PLATE – Mounts standard duplex devices to cover.

AL5200 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
AL5246-DD	DOUBLE DUPLEX COVER PLATE – Installs 15A and 20A duplex receptacles or duplex style communication devices.	AL5256-D2A*	DUPLEX RECEPTACLE & 2A MINI ADAPTER COVER PLATE – Duplex receptacle cover accepts one (1) Wiremold CM2 Series and 2A mini adapter (2A opening).
			
AL5246-F	SINGLE RECEPTACLE DEVICE COVER PLATE – Installs commercially available straight blade and locking single receptacles with face diameters of 1.56"-1.58" [39.2mm-39.3mm].	AL5256-DZ	DUPLEX RECEPTACLE & MOUSE HOLE DEVICE COVER PLATE – Grommeted cable access at duplex receptacle location. (2A opening).
			
AL5246-G	GFCI DEVICE COVER PLATE – Mounts commercially available GFCI or surge suppression receptacles.	AL5256-ABRT	ORTRONICS® COVER PLATE – Accepts only Ortronics® datacom inserts. Supplied with both adapters to accommodate two TracJack devices or one Series II device.
			
AL5256-ACTLPB*	LOW PROFILE ADAPTER COVER PLATE – Accepts three (3) Wiremold CM2 Series communication connectivity devices. Includes cover and low profile adapter (6A-opening).	AL5256-DABRT	DUPLEX & ORTRONICS® COVER PLATE – Accepts only Ortronics® datacom inserts. Supplied with both adapters to accommodate two TracJack devices or one Series II device.
			
AL5256-ACT2LP*	DEVICE COVER PLATE WITH TWO LOW PROFILE ADAPTERS – Accepts three (3) Wiremold CM2 Series communication connectivity devices. Includes cover and two low profile adapters (6A-openings).	AL5256-GABRT	GFCI & ORTRONICS® COVER PLATE – Accepts only Ortronics® datacom inserts. Supplied with both adapters to accommodate two TracJack devices or one Series II device.
			
AL5256-ACTMAB	DEVICE COVER PLATE WITH 6A MINI ADAPTER – Installs communication connectivity devices. Includes cover and 6A mini adapter (6A-opening).	AL5256-G2A*	GFCI & 2A MINI ADAPTER COVER PLATE – GFCI sized hole cut accepts one (1) Wiremold CM2 Series and 2A mini adapter (2A opening).
			
AL5256-DACT*	DUPLEX & 6A MINI ADAPTER COVER PLATE – For installation requiring a 15A or 20A duplex receptacle and accepts three (3) Wiremold CM2 Series communication connectivity devices. Cover includes 6A mini adapter (6A-opening).	AL5256-GZ	GFCI & MOUSE HOLE DEVICE COVER PLATE – Grommeted cable opening at GFCI receptacle location.
			
AL5256-GACT*	GFCI & 6A MINI ADAPTER COVER PLATE – For installation requiring a GFCI or surge suppression receptacle and accepts three (3) Wiremold CM2 Series communication connectivity devices. Cover includes 6A mini adapter (6A-opening).	AL5256-MABRT	ORTRONICS® COVER PLATE – Accepts Ortronics® datacom inserts. Supplied with both adapters to accommodate six TracJack devices or three Series II devices.
			
		AL5256-DMABRT	DUPLEX & ORTRONICS® COVER PLATE – Accepts Ortronics® datacom inserts. Supplied with both adapters to accommodate six TracJack devices or three Series II devices.
			

* Refer to the Communications Connectivity section of this Product Guide for information on CM2 Series modules.

AL5200 SERIES RACEWAY ORDERING INFORMATION (continued)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
<p>AL5256-GMABRT</p> 	<p>GFCI & ORTRONICS® COVER PLATE – Accepts Ortronics® datacom inserts. Supplied with both adapters to accommodate six TracJack devices or three Series II devices.</p>	<p>AL5256-2A*</p> 	<p>ORTRONICS® LOW PROFILE ADAPTER COVER PLATE – Accepts Ortronics® datacom inserts. Accepts six Series II devices. Two low profile adapters included.</p>
<p>AL5256-LPB3S2</p> 	<p>ORTRONICS® LOW PROFILE ADAPTER COVER PLATE – Accepts Ortronics® datacom inserts. Accepts three Series II devices. Low profile adapter included.</p>	<p>AL5256-Z</p> 	<p>MOUSE HOLE DEVICE COVER PLATE – Facilitates exit of voice or data communication cabling. Grommet furnished.</p>
<p>AL5260</p> 	<p>OFFSET DIVIDER – Used to allow device offsets and to extend over ribs in the raceway base. Snap fits into base.</p>		

* Refer to the Communications Connectivity section of this Product Guide for information on CM2 Series modules.

PREWIRED RACEWAY SYSTEMS



When time is an issue, Prewired Raceway from Wiremold gives you the option of letting our experts do the work for you. Wiring is labeled, wrapped and ready for termination at the job site. All you need to do is mount the raceway on the wall and connect the feed wires. Use our new Prewired Connectors, and you'll get off the job even faster. Save installation time, labor and money with raceway that's ready for work before it even gets on the job.

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PREWIRED RACEWAY

At Wiremold®, our goal for Prewired Raceway is to enhance the value to the end user and installer by providing value-added services to their projects, i.e. specific wiring configurations, labeling and special services.

Wiremold® has been setting the standard in the engineering and manufacturing of Prewired Raceway solutions over the last 20 years. Wiremold has the knowledgeable sales, project management and engineering resources to provide you with assistance in:

- Defining bills of material and project quotes
- Interpreting project specifications, electrical drawings and elevation plans to produce detailed submittal and installation drawings
- Coordinating production, packaging and shipping schedules to meet your job site requirements.

As a leader in the electrical industry Wiremold continues to look for new and innovative ways to simplify the installation of our Prewired Raceway systems. Over the last 5 years Wiremold has:

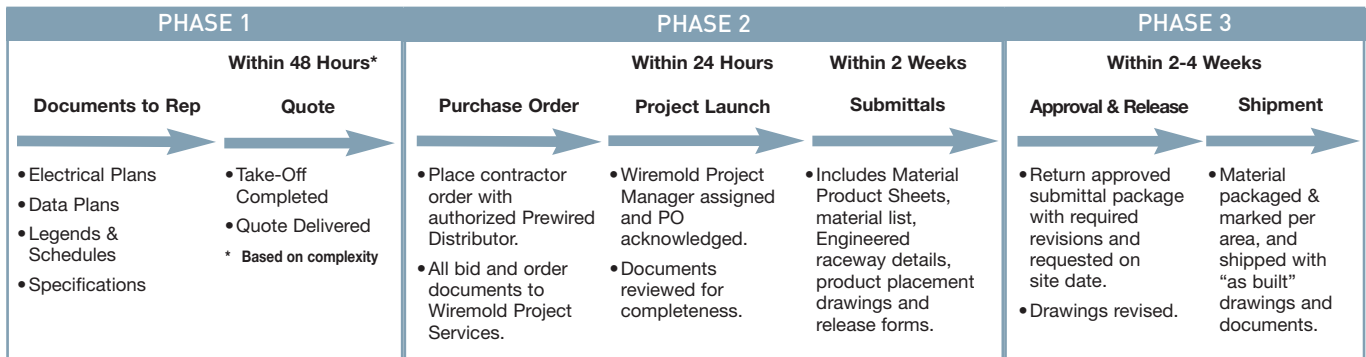
- Redesigned our submittal and installation documentation to more clearly depict design intent and ease installation.
- Introduced Wiremold "Prewired Connectors". The only UL and cUL listed modular connector for Prewired Raceway systems available on the market. "Prewired Connectors" have been shown to decrease installation time and eliminate miswiring in the field that can lead to costly callbacks.
- Introduced UL and cUL listed Commercial Outlet Centers (Cord-Ended) that are optimal for mounting to semi-permanent structures such as shelving and rack displays found in many Lab applications.

When deadlines are looming and skilled labor is in short supply Wiremold has the expertise and quality solutions to help you complete your project on time. Wiremold Prewired Raceway solutions will:

- Save up to 67% of the installation time needed for field install of component raceway parts.
- Provide maximum flexibility for adding or relocating power and communication requirements during renovations or equipment changes.
- Provide you with an established project team who has the knowledge and experience from successfully completing work on thousands of projects for the educational, pharmaceutical, hospital, retail and military markets.

ORDERING PROCESS FOR PREWIRED APPLICATIONS

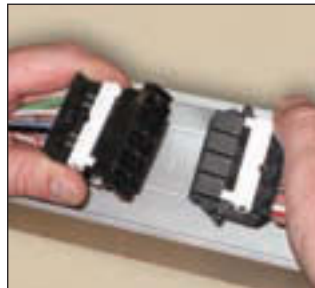
- Detailed Submittal** The detailed submittal shows exactly how each raceway run will be built (lengths, number and type of receptacles, wiring schematics, circuiting information, etc.). The contractor and/or distributor must review and correct any information not clearly indicated on the drawings or specs, approve and return before production can be scheduled.
- Submittal Free** The Prewired Express Building Plan Checklist is filled out by the contractor or distributor and sent along with plans, casework, and specs. No submittal is required and the project is scheduled for production upon receipt of all information.



Prewired Raceway gets installers off the job in 1/3 less time than conventional raceway installations.



Wiremold Prewired Raceway is available in a wide range of capacity and configuration options.



Prewired Connectors provide contractors with peace-of-mind. Connectors are factory wired and tested so errors, backtracking and troubleshooting are virtually eliminated.



Commercial Outlet Centers (Cord-Ended) that are optimal for mounting to semi-permanent structures such as shelving and rack displays found in many Lab applications.

THE PROCESS

1. Raceway is wired & assembled per customer specifications.
2. Finished raceway is quality tested to insure performance and accuracy of wiring.
3. Raceway is labelled & packed per job and job site requirements.
4. Detailed project drawings are included with every project.
5. Raceway is shipped to arrive at job site per production schedule & project specifications.



PREWIRED CONNECTORS

Introducing Faster, More Reliable Connections for Prewired Raceway Systems

New Wiremold Prewired Connectors offer the fastest, most reliable connectivity solution available for prewired raceway system installations. Independent testing has shown that when using new Prewired Connectors in prewired raceway installations, installers can get off the job up to eighteen times faster than when using conventional installation methods... while virtually eliminating any callbacks for wiring errors.

Supports the following NEMA configurations:

5-15R	L5-15R	6-15R	L6-15R
5-20R	L5-20R	6-20R	L6-20R
5-30R	L5-30R	6-30R	L6-30R

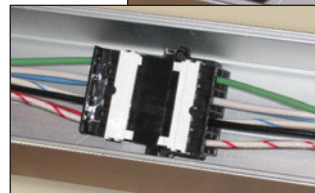
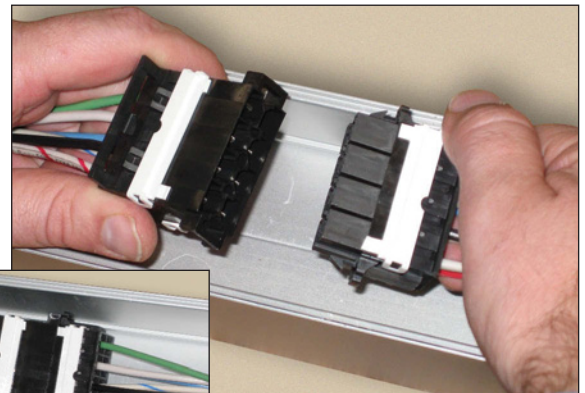
NOTE: Consult factory for other configurations.

Specification Guidelines:

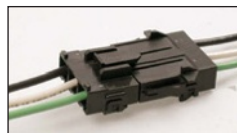
- Maximum of one (1) device per foot of raceway.
- Harnesses from multiple feeds may not cross in duct when feeding from different directions.
- Maximum base segment length of ten (10) feet.
- No downstream protection on GFCI or Surge devices.

Prewired Connector Applications:

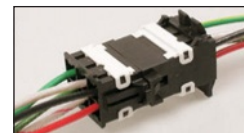
Current Rating:	30A maximum
Voltage Rating:	250V maximum
Wire Gauge:	10AWG maximum
Wire Type:	Stranded Copper



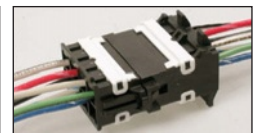
Prewired Connectors provide fast and reliable connectivity and are available in 3-, 6- and 8-wire configurations.



3-Wire

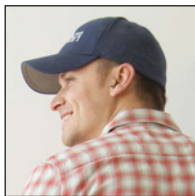


6-Wire



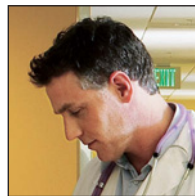
8-Wire

PREWIRED TESTIMONIALS



For the Contractor:

Getting a complete package of detailed drawings helps my guys know where every carton and piece of raceway go.



For the Lab:

Cord-ended Prewired gives me the flexibility I need to reconfigure my lab.



For the Contractor:

Prewired Connectors increase my productivity. Installs are ultra fast and there are no miswiring or troubleshooting issues.

ALUMINUM PREWIRED RACEWAY SYSTEMS

Isoduct® Aluminum Prewired Raceway Systems are manufactured to specific job lengths, completely assembled and shipped to the jobsite ready to install.

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AL4000 Series Raceway installation in a laboratory.

CODE REFERENCE

cULus Listed Multioutlet Assemblies:
File E15191 Guide PVGT.

Surface Metal Raceway:
File E4376 Guide RJBT.

Fittings: File E41751 Guide RJPR.
Meet Article 380 of NEC.

ALUMINUM PREWIRED RACEWAY SYSTEMS COLOR OPTIONS

Aluminum Prewired Raceway Systems are available with an anodized aluminum finish.

Custom color options are also available.
Consult the factory for more information.



Anodized Aluminum

PREWIRED ALUMINUM RACEWAY FEATURES

FEATURES	STANDARD	OPTIONS
Communication Devices	Ortronics & Activate Connectivity System Devices	Other manufacturers
Electrical Devices	Pass & Seymour	Other manufacturers
Cover Length	12" [305mm] or 18" [457mm]	24" [610mm], 36" [914mm], custom or continuous
Body Length	Longest = 10' [3.05m], shortest = 1' [305mm]	
Installation	Surface mounted	Flush mounted (recessed)
Finish	Architectural Class II Clear Anodized	Custom colors available, consult factory.*
Fittings	Mitered	Butt joints or custom
Wire Type	THHN Stranded	Options per specification
Wiring Splices	Insulation displacement connectors	Continuous wiring or twist-on wire connector
Grounding Conductors	Wire gauge per National Electrical	Oversized and/or separate grounding wires Code (NEC) and shared grounding wires
Device Identification	Gray self-adhesive polyester label with black letters	Engraved covers, self-adhesive engraved nameplate, screw mounted engraved nameplate
Neutrals	Shared neutral	Oversized and/or separate neutral wires
Pigtails	12" [305mm] feeds and receptacle leads	Per specification
Conduit Feeds	Raceway drilled at job site with hole saw	Entrance end cap
Device Mounting	Mounted to cover with 2 counter-sunk #6-32 screws	Device mounting brackets
Record Drawings	3 sets and 2 copies of marked-up blueprints	Per job requirements
Submittal Services	Detailed Submittal	Express Submittal or Submittal Free

* Paint chip required for custom colors.