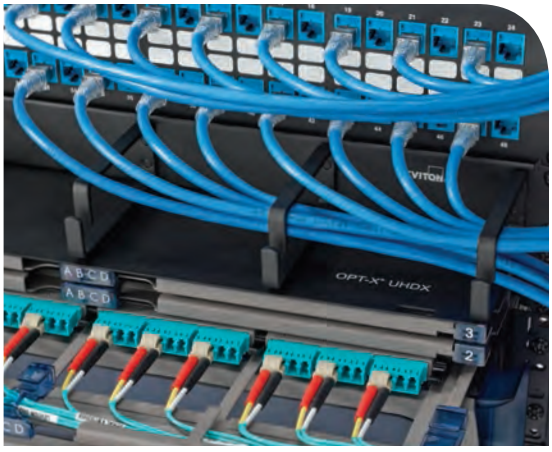
LEVITON®
Network Solutions

The Smart Choice For a Better Network

2016 U.S. CATALOG



Committed to our Customers & the Environment

Quality & Performance in Every Solution

A Culture of Ingenuity & Innovation

The Industry's Best Service & Support

Outstanding Return on Infrastructure Investment

FEATURED PRODUCTS

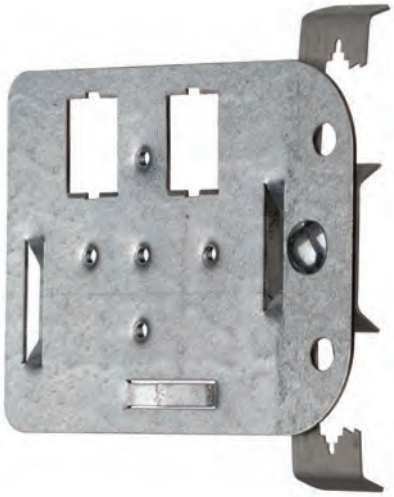
UHDX SYSTEM
Page B11

ATLAS-X1™
CONNECTORS
Page A12

QUICKPLATE®
TEMPO WALLPLATES
Page D5

ATLAS-X1
SHIELDED PATCH PANELS
Page A18

AV
SOLUTIONS
Page C1



IN-WALL
& IN-CEILING
BRACKETS
Page D4

LEVITON®
Network Solutions

CATALOG CONTENTS

ABOUT US

The Smart Choice for a Better Network 4
Configurable Solutions 10
Data Center Solutions 12
Enterprise Solutions 14

COPPER SOLUTIONS

Copper Systems Guide A3
Atlas-X1™ System A5
eXtreme® System A7
GigaMax® System A8
Connectors A11
Patch Panels & Cross Connect A15
Patch Cords & Pre-Terminated Trunks A29
Copper Tools & Labeling A35

FIBER SOLUTIONS

Fiber Systems Guide B3
Opt-X® Family of Fiber Optic Systems B9
e2XHD Snap-In Cassette Patching System B34
LightSpace® System B37
Flush-Mount Enclosures & Panels B45
Equipment-Specific Solutions B47
Pre-Terminated Cable Assemblies B51
Connectors & Housings B65
Tools & Consumables B71

AV SOLUTIONS

Introduction C3
IT/AV Systems C5
AV Signal Extension C11
AV Connectors & Adapters C14
Multimedia Outlet System (MOS) C17
Speakers C21
Volume Controls & Audio Distribution Modules C24
Home Theater & Recessed Devices C25
BitWise Integrated Controllers C27

HOUSINGS & WALLPLATES

QuickPort® Boxes, Brackets, Wallplates & Inserts D3
Decora® Wallplates & Inserts D9
Renu® Wallplates & Inserts D12
QuickPort Modular Furniture Products D13
Duplex, Round Opening & Blank Wallplates D14
DuraPort® Industrial Connectivity D15
86 mm x 86 mm Intl. Wallplate Inserts & Frames D17
Telephone & Video Wallplates, Wall Phone Jacks D19
QuickPort Floor Box Assemblies D20
Multimedia Outlet System (MOS) D21

CABLE MANAGEMENT SOLUTIONS

Overhead Infrastructure Platform E3
Versi-Duct® Cable Management System E5
Cable Managers & Accessories E7
VELCRO®-Brand Fasteners E10
Zone Enclosures E12

INTELLIGENT INFRASTRUCTURE

Intact™ Intelligent Port Management System F3

POWER SOLUTIONS

Power Distribution Units (PDUs) G3

MDU & HOSPITALITY SOLUTIONS

Structured Media® H3

TECHNICAL INFORMATION

General Information X3
Termination Instructions X7
Splice Tray Selection Guide X13
Standards X14
Index X16

80
COUNTRIES

12
MANUFACTURING FACILITIES

11
GLOBAL SALES OFFICES

7
WAREHOUSES

Thank you for choosing Leviton Network Solutions.

For the past quarter century we have developed an unparalleled selection of high-performance connectivity solutions and systems for enterprise, data center, government, residential, and other markets around the globe.

We manufacture nearly all of our branded products at 12 Leviton manufacturing facilities; the majority are made in the United States at facilities colocated with our product development teams.

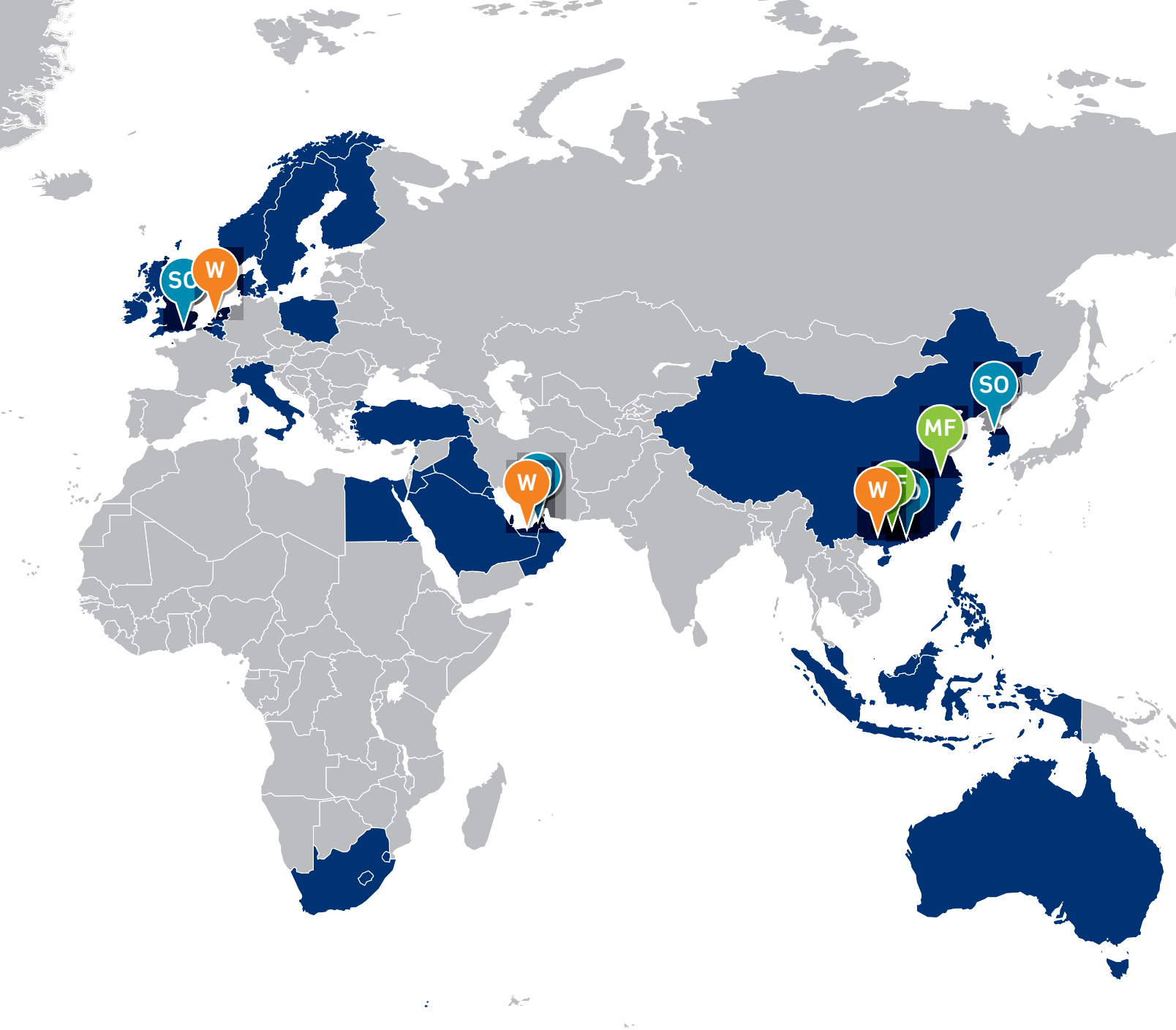
We support customers around the world with 11 global sales offices and installations of Leviton Network Solutions products in more than 80 countries.

PROGRAMS

Contractor	leviton.com/ns/contractors
Consultant Connection	leviton.com/networkconsultant
Network Technology Alliances	leviton.com/alliances

TECHNICAL RESOURCES

Application / Tech Notes	leviton.com/ns/techlibrary
Detailed Termination Diagrams	leviton.com/ns/techlibrary
Dimensional Line Art	leviton.com/ns/techlibrary
Manuals & Guides	leviton.com/ns/techlibrary
Training Videos	leviton.com/ns/techlibrary
BIM Objects	leviton.com/bim
VISIO® Stencils	leviton.com/visio



SUPPORT TEAMS

Technical Support ..... 800.824.3005 \ +1.425.486.2222
appeng@leviton.com

Inside Sales / Customer Service ... 800.722.2082 \ +1.425.486.2222
insidesales@leviton.com

Specification Team ..... leviton.com/specteam
specteam@leviton.com

Government Team ..... leviton.com/gov

Data Center Team ..... leviton.com/datacenter
dcteam@leviton.com

WEB SUPPORT

Make to Order (MTO) ..... leviton.com/configurator

Structured Media® Planning Worksheet .... leviton.com/homeconfig

Independent Testing Information ..... leviton.com/ns/testresults

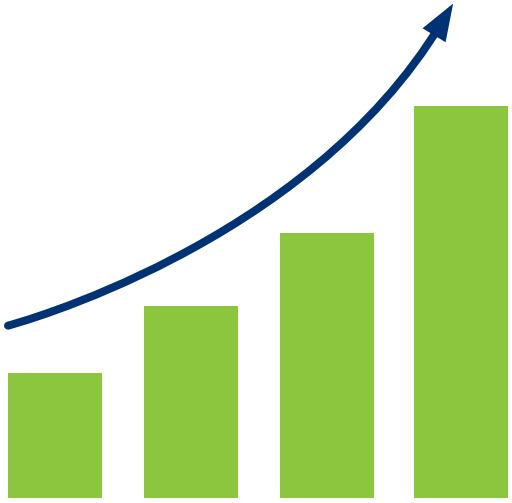
Literature Library ..... leviton.com/ns/litlibrary

Live Chat ..... leviton.com/support

Knowledgebase & Forums ..... communities.leviton.com

CrossTalk Newsletter ..... leviton.com/crosstalk

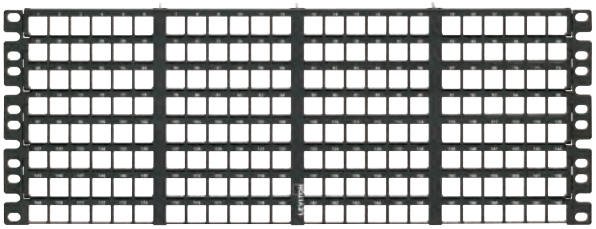
Leviton Blog ..... blog.leviton.com/network-solutions



OUTSTANDING **RETURN ON** INFRASTRUCTURE **INVESTMENT**

ROii™

THE SMART CHOICE — At Leviton, we understand that the best value comes from more than a high-quality, affordable product — it means delivering peace of mind. With unbeatable service, best-in-class support, and the reassurance that comes from working with a stable, century-old supplier, you get far and away the highest return on infrastructure investment in the industry. Leviton invents the industry's best technologies. We build them to last, and we back them up with incredible service and support. Whatever your need, Leviton can provide it, and we will stand behind it.

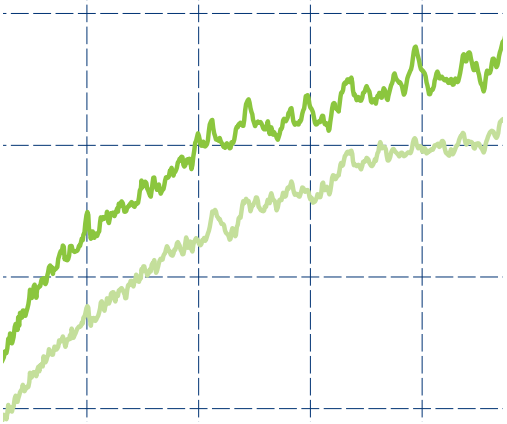


COMMITTED —TO OUR— CUSTOMERS AND THE ENVIRONMENT

A NAME YOU CAN TRUST — Leviton is the world's largest privately held producer of electrical and data connectivity devices. We've been serving customers from the electrical age through the information age, and we'll be here through the life of your installation — and beyond.

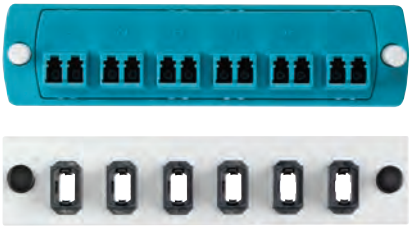
CUSTOMERS AROUND THE WORLD —Thousands of organizations all across the globe have installed Leviton Network Solutions copper and fiber infrastructure systems. With distribution locations on nearly every continent, we're ready to serve customers in every location and every industry.

CREATING A SUSTAINABLE FUTURE —The Leviton "Go Green" initiative provides a framework for reducing our environmental impact. Monitoring energy use, recycling scrap metal, and re-using leftover plastics are just a few examples of how Leviton helps to keep our world clean.



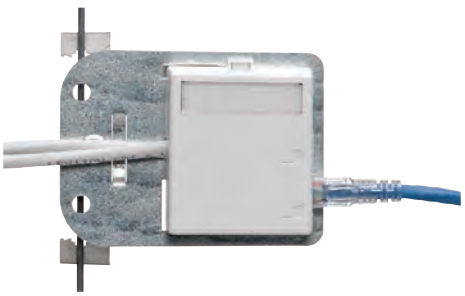
QUALITY
AND PERFORMANCE
IN EVERY SOLUTION

MANUFACTURING EXCELLENCE — Our products feature durable construction that reduces maintenance and downtime, with headroom that exceeds standards to boost network performance. We manufacture nearly all of our branded products at company-owned, ISO 9001-2008 certified plants. We ensure product designs are robust and reliable by using trusted quality methods, and all Leviton products include a workmanship warranty, guaranteeing material and manufacturing quality. This high level of quality allows us to offer a limited lifetime performance warranty when your system is installed by a Leviton certified contractor, protecting your investment and providing peace of mind.



A CULTURE OF **INGENUITY** AND INNOVATION

INDUSTRY-LEADING INVENTIONS — At Leviton, we're continuously inventing the solutions that drive next-generation networks, developing innovative solutions that raise the bar on performance and aesthetics. Engineers within our collaborative "Development Factory" have built an extensive patent portfolio with performance, design, and process enhancements that improve product functionality and deliver fast, reliable networks.



THE INDUSTRY'S —BEST— SERVICE AND SUPPORT

MULTI-TIERED SUPPORT MEANS YOU CAN CALL ON A VARIETY OF LEVITON EXPERTS TO HELP YOU WITH EACH AND EVERY PROJECT.

Inside Sales Representatives answer questions, provide quotes, or direct you to field support or a distributor in your city.

Applications Engineers and Data Center Specialists provide guidance for product installation, use, and troubleshooting. They can also assist with topology, layout, elevations, pathways, remote, or on-site network analysis, and deliver custom product designs.

Certified Contractors deliver the highest-quality installations and are authorized to offer extended product and performance warranties on qualified projects.

Network Consultants provide exclusive information and support, delivering the solution-oriented expertise you need.

U.S. Government Team provide the contacts, product knowledge, and support needed in a specialized network environment.

Global Account Managers deliver the products and support you need, just about anywhere in the world.

Technical Support Representatives assist with product and network troubleshooting, over the phone or online.

Berk-Tek® LEVITON®
TECHNOLOGIES

THE INDUSTRY'S —PREMIER— END-TO-END SOLUTIONS

RELY ON BERK-TEK LEVITON TECHNOLOGIES FOR THE FASTEST, MOST RELIABLE ENTERPRISE AND DATA CENTER NETWORKS ON THE MARKET.

The combined strength of Leviton's extensive connectivity portfolio and Berk-Tek's high-performance cable manufactured in U.S.-based, ISO-certified facilities is another way we ensure that you get unparalleled return on your infrastructure investment.

Together, we're customer-focused; meaning we put you, the customer, at the center of everything we do. We're technology-driven so you get industry-leading innovations with outstanding performance. And we assure you the highest quality solutions for every installation.

Advanced data center solutions

Best-in-class category-rated copper systems

High performance optical fiber systems

Pre-terminated, make-to-order solutions with fast delivery

Performance verified by independent third-party labs

TWO LEADING NETWORK INFRASTRUCTURE EXPERTS

CONFIGURABLE SOLUTIONS

Getting the exact product you need is quicker and easier than ever. Rely on our innovative online configurators for a variety of fiber and copper products, assembled and shipped quickly for fast turnaround.

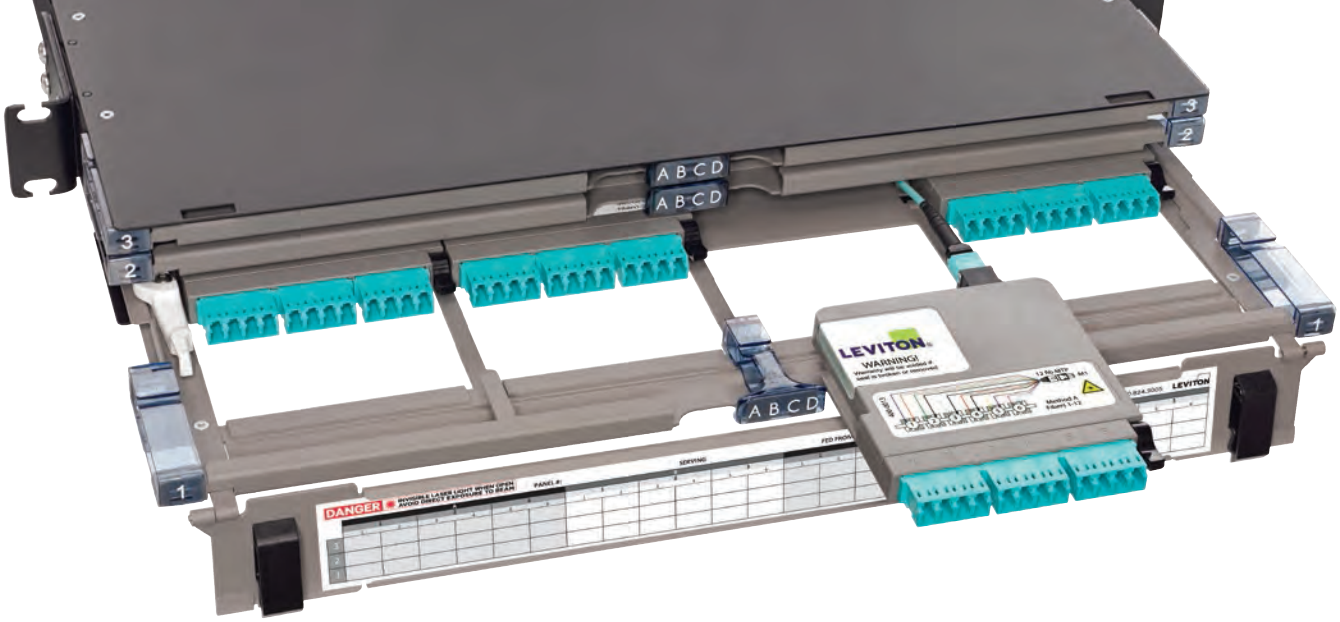
Make to order!
leviton.com/configurator

Look for this icon to identify configurable solutions.

How It Works:

To configure a product, go to leviton.com/configurator and choose from a wealth of options (e.g., fiber type, cable length, polarity, etc.). Take the resulting model number or part number and submit your quote request to Leviton inside sales or your local Leviton distributor.

You can expect 24-hour turnarounds on all quote requests.



FIBER SOLUTIONS

Configure and order fiber panels, enclosures, cassettes, trunk cables, harnesses, and patch cords.

- HDX and SDX Enclosures and HDX Frame
- LightSpace® Enclosures
- HDX and SDX Cassettes
- e2XHD MTP® Cassettes
- MTP Harnesses
- Pre-Terminated Trunks
- Premium and Economy Series Patch Cords
- Intact™ Intelligent Fiber Patch Cords
- Splice Trays

COPPER SOLUTIONS

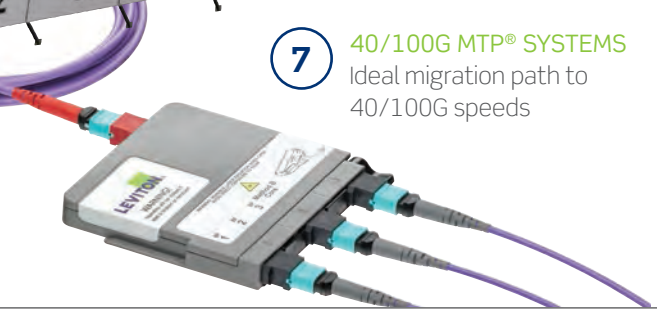
Configure and order trunk cables and Secure RJ Patch Cords.

- Pre-Terminated Copper Trunks - Cat 6A/6/5e
- Pre-Terminated Copper Trunks with e2XHD cassettes
- Secure RJ Patch Cords - Cat 6A/6
- Patch Cords - Cat 6A/6/5e
- Intact Intelligent Copper Patch Cords – Cat 6A/6

DATA CENTER SOLUTIONS

Leviton solutions cover every area of the data center – from the entrance room and computer room to the telecommunications room (TR) and support offices – and our data center experts are always available to provide in-depth technical and design support.

7 40/100G MTP® SYSTEMS
Ideal migration path to 40/100G speeds



8 INTACT™ INTELLIGENT PORT MANAGEMENT SYSTEM
Real-time network documentation with alerts for faults or unplanned changes

1

E2XHD SNAP-IN CASSETTE PATCHING SYSTEM

Single-click patching of copper, fiber, or a combination in the same panel

2

REPLICATOR® ENCLOSURES

Unique logical port management design can be configured to replicate any switch

3

CABLE MANAGEMENT

Vertical/horizontal cable management for standard equipment racks and large-scale deployments

4

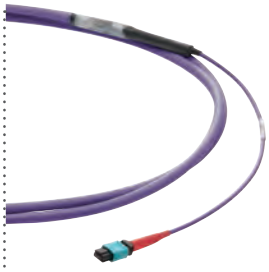
SECURE CONNECTIVITY

Physical port security with copper RJ and fiber LC assemblies

5

HDX FRAME SYSTEM

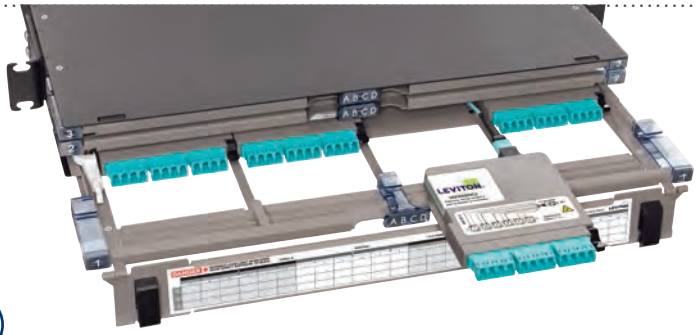
Used in MDA to consolidate patching and reduce footprint, freeing up valuable space



6

PRE-TERMINATED COPPER & FIBER TRUNKS

Provide backbone connections between entrance facility, MDA/Core, SAN, and HDA



9

FIBER OPTIC SYSTEMS

High-density enclosures can be custom configured with cassettes, adapter plates, and pre-terminated solutions

10

POWER DISTRIBUTION UNITS

Provide reliable power distribution into racks and cabinets with outlet power ranging from 2.0 kW to 12.5 kW

ENTERPRISE SOLUTIONS

Leviton provides high-performance connectivity for health care, education, business, and government applications around the globe, all backed by the industry's best service and support.

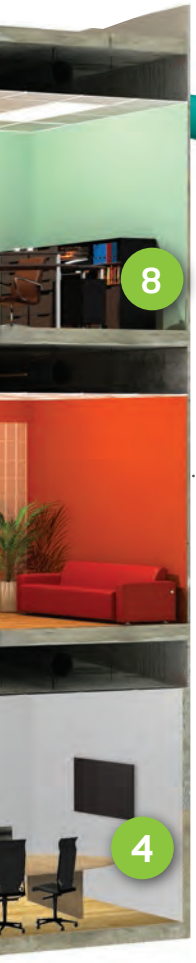
7 HORIZONTAL & VERTICAL CABLE MANAGEMENT
Organize and support cables, patch cords, and equipment

8 WALLPLATES & HOUSINGS
Extensive selection to customize work area outlets

1

ZONE ENCLOSURES

Easily accessible for simple moves, adds, and changes



3

PATCH CORDS

Include snagless design and strain-relief boot for long-term performance

2

PATCH PANELS

Wide selection of styles: flat, angled, and recessed in UTP and shielded

4

AV CONNECTIVITY

For high-quality multimedia applications

5

DATA CONNECTORS & ADAPTERS

Fast, reliable category-rated and optical fiber connectors and adapters

6

FIBER OPTIC ENCLOSURES

Broad selection to address any fiber density requirements

9

POWER DISTRIBUTION UNITS (PDUs)

Robust, reliable power to rack and cabinet applications

10

WALLMOUNT FIBER-OPTIC ENCLOSURES

Transitions from outside plant cable to inside plant cable

COPPER SOLUTIONS

SECTION A CONTENTS

COPPER SYSTEMS

A3 Atlas-X1™ / eXtreme® / GigaMax®
A5 Atlas-X1 UTP Systems
A6 Atlas-X1 Shielded Systems
A7 eXtreme UTP Systems
A8 GigaMax UTP System
A9 System Selection Chart

CONNECTORS

A12 Atlas-X1
A13 eXtreme
A14 GigaMax
A14 Cat 5/3 & USOC QuickPort®

PATCH PANELS & CROSS CONNECT

A15 Introduction
A16 Selection Guide
A17 Flat Metal 110-Style
A18 Flat Metal QuickPort
A19 Flat Composite 110-Style & QuickPort
A20 Angled 110-Style & QuickPort
A21 Recessed-Flat & Recessed-Angled 110-Style & QuickPort
A22 e2XHD Snap-In Cassette Patching System
A23 VertiGO® Zero-U QuickPort & SDX
A24 Voice-Grade Panels & Labeling Solutions
A25 110-Style Wiring Products
A28 66 Blocks & Accessories

PATCH CORDS & PRE-TERMINATED TRUNKS

A29 Introduction
A30 Cat 6A Patch Cords
A31 Cat 6 Patch Cords
A32 Cat 5e Patch Cords
A33 Secure RJ System
A34 Pre-Terminated Trunks

COPPER TOOLS & LABELING

A35 Introduction
A36 Tools
A38 Labeling Solutions

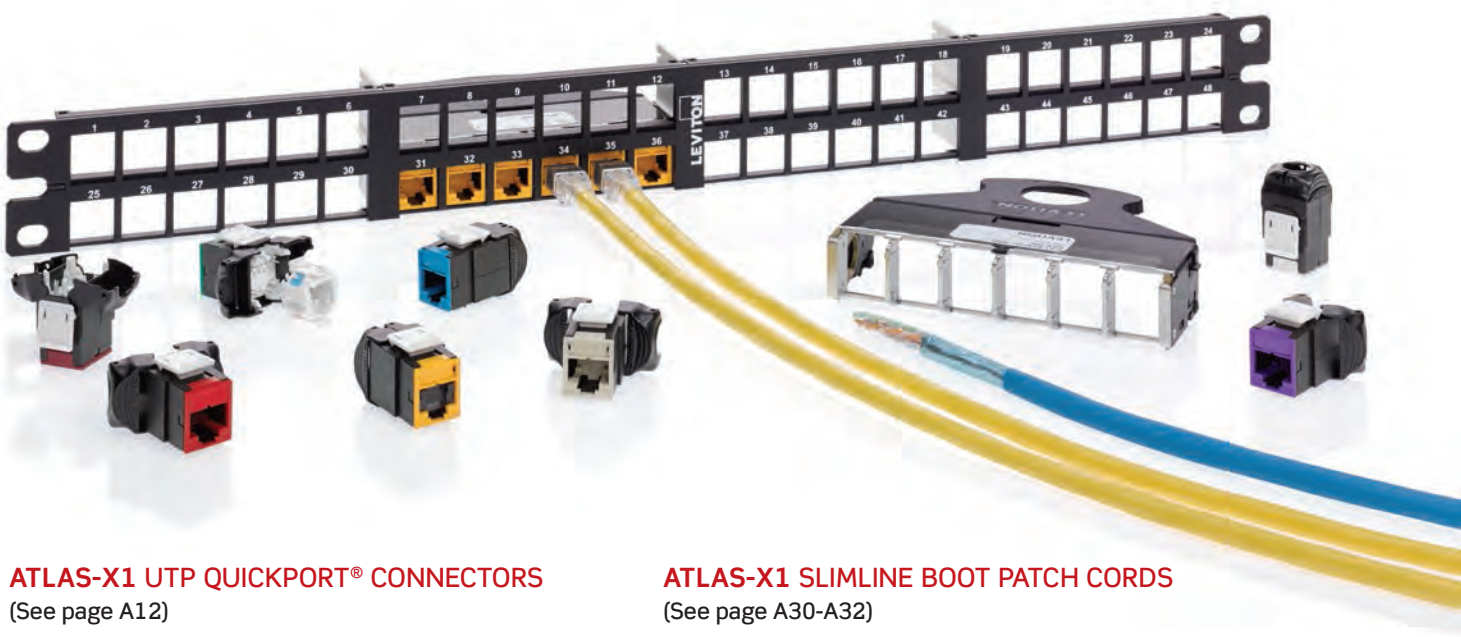
COPPER SYSTEMS

Leviton copper systems combine category-rated performance with high-density, user-friendly designs to deliver the industry's most innovative family of solutions. Whether you are supporting a large enterprise, data center, or a small business infrastructure, Leviton has the system to fit your needs. Refer to the system features below and on the following pages for an overview of Leviton's three copper system brands: Atlas-X1, eXtreme, and GigaMax.

System Features:
High-density shielded system with shortest-length connector for better bend radius
Advanced features (icons, shutters) for clear network ID and protection
Unified form factor (Cat 5e to Cat 8) for easy migration
Shielded systems for EMI/RFI protection
Performance exceeds the standard
Margin guarantees for confidence in performance
Component-rated products available
Cat 6A
Cat 6
Cat 5e
Third-party tested and verified
Color options
Limited Lifetime Warranty

Atlas-X1 Mission Critical	eXtreme Enterprise	GigaMax Light Commercial, MDU
A premium category-rated system that delivers the highest level of verified performance and reliability.	Pairs high-quality, guaranteed performance with a user-friendly design to support fast, easy installations.	Delivers proven performance with the reliability you have come to expect from Category 5e applications.
✓		
✓		
✓		
✓		
✓	✓	
✓	✓	
✓	✓	
✓	✓	
✓	✓	
✓	✓	✓
✓	✓	✓
✓	✓	✓
✓	✓	✓

Atlas-X1 is the premium category-rated system that delivers the highest level of verified performance and reliability, offers tool-free termination for simplified installations, and seamlessly supports network migration paths up to 40G.



ATLAS-X1 UTP QUICKPORT® CONNECTORS

(See page A12)

- Connector design allows for tool-free terminations, reducing installation time and costs
- Robust housing increases longevity and virtually eliminates alien crosstalk (AXT)
- Patented Retention Force Technology (RFT) protects against tine damage from 4- or 6-pin plugs, saves on costly repairs, and increases system longevity
- Unified form factor from Cat 5e to Cat 8 (UTP and shielded)
- Includes interchangeable icons (voice, data, AV, and blank) that match connector color
- Connector with internal shutter is available to protect against dust and debris
- Available in 13 colors

Visit Leviton.com/AtlasX1 to learn more.

ATLAS-X1 SLIMLINE BOOT PATCH CORDS

(See page A30-A32)

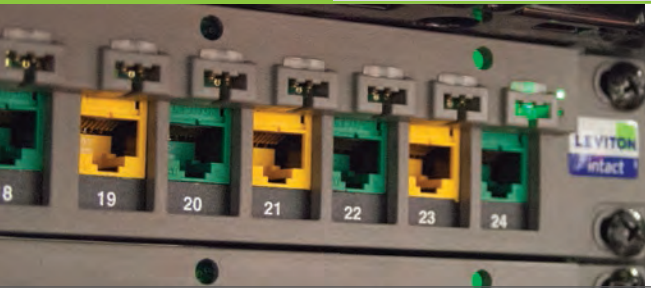
- Narrow profile alleviates congestion in higher-density applications for easier moves, adds, and changes
- Snagless design prevents tab breakage and strain relief boot ensures long-term network performance
- Manufactured in the United States using Berk-Tek cable

RECOMMENDED PATCH PANELS

(See page A18-A22)

- High-density e2XHD panels and snap-in cassettes make it easy to deploy networks quickly
- Composite panels can be customized with company or school logos and colors
- High-density 1RU 48-port and 2RU 72-port QuickPort options maximize rack space and reduce costs

SPOTLIGHT California State University Monterey Bay (CSUMB) Installs Leviton Intelligent Network



In 2014, CSUMB broke ground on a new academic facility, the first building on campus to support a Cat 6A intelligent system. CSUMB chose the Leviton Intact™ Intelligent Port Management solution, supported by Leviton Atlas-X1™ connectivity, to provide accurate reporting and optimize network maintenance. Once complete, CSUMB students and faculty will benefit from 10GBASE-T network performance. Plus, the new building sets the standard for future facilities, paving the way for a high-performing, intelligent network campus wide. See page A12 for Atlas-X1 and F3 for Intact Intelligent Port Management.

The Atlas-X1 Shielded System includes all the features of the Atlas-X1 UTP System, with shielding for additional EMI/RFI protection and AXT suppression. It is ideal for government, health care, manufacturing, transportation, education, financial, gaming, or any environment where EMI/RFI may be a concern.

COMING IN 2016: CAT 8 SYSTEM

ATLAS-X1 SHIELDED QUICKPORT® CONNECTORS

(See page A12)

- Connector design allows for tool-free terminations, reducing installation time and costs
- Robust housing increases longevity and virtually eliminates alien crosstalk (AXT)
- Patented Retention Force Technology (RFT) protects against tine damage from 4- or 6-pin plugs, saves on costly repairs, and increases system longevity
- Unified form factor of from Cat 5e to Cat 8 (UTP and shielded)
- Includes interchangeable icons (voice, data, AV, and blank) that match connector color
- Connector with internal shutter is available to protect against dust and debris
- Shielded connector is enclosed in a die-cast housing for maximum EMI/RFI protection
- Available in 13 colors

ATLAS-X1 SHIELDED SLIMLINE BOOT PATCH CORDS

(See page A30-A32)

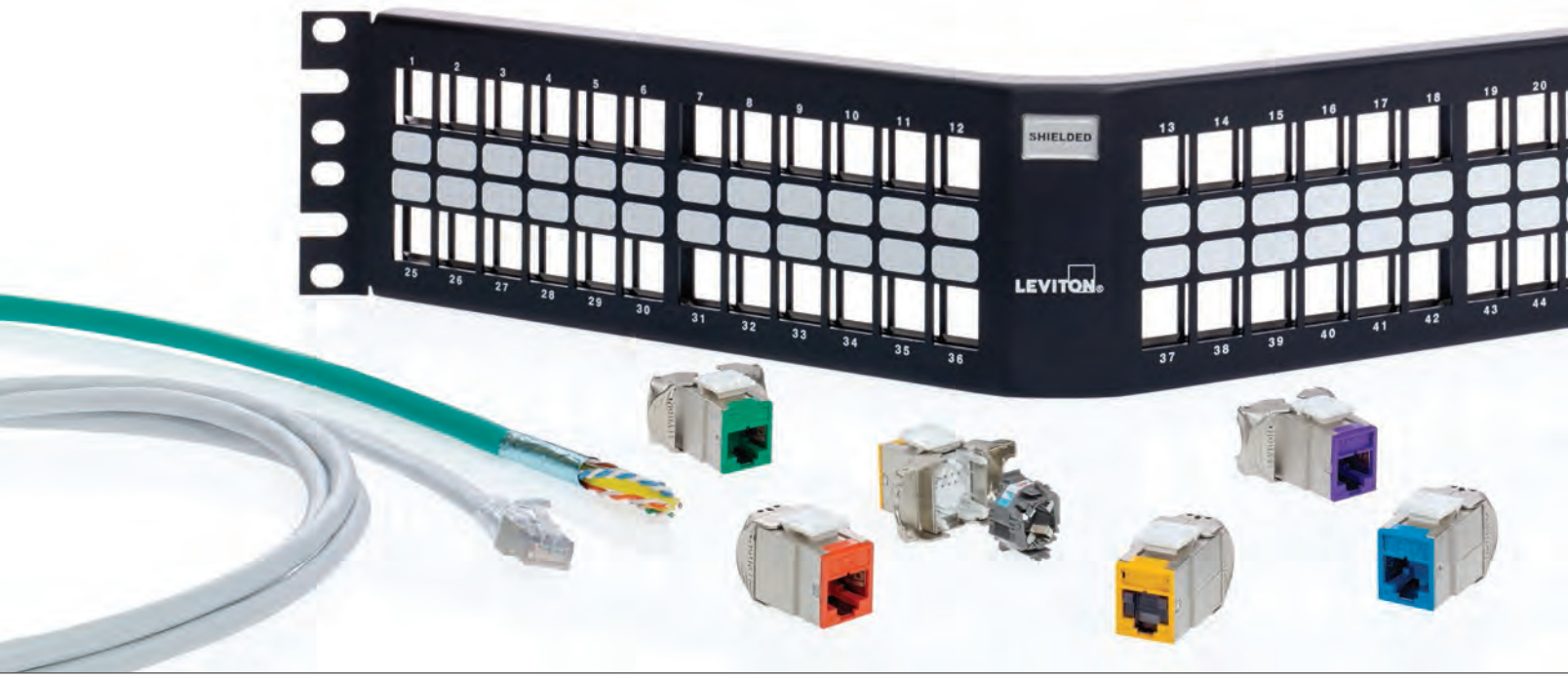
- Narrow profile alleviates congestion in higher-density applications for easier moves, adds, and changes
- Snagless design prevents tab breakage and strain relief boot ensures long-term network performance
- Shielded construction provides excellent alien crosstalk protection and EMI/RFI protection

RECOMMENDED PATCH PANELS

(See page A18-A22)

- Atlas-X1 Shielded 1RU 24-port and 2RU 48-port QuickPort panels are available in flat and angled styles
- 1RU 48-port flat and angled shielded QuickPort panels provide twice the density of a conventional 1RU panel

Visit Leviton.com/AtlasX1 to learn more.



The Leviton eXtreme UTP System pairs high-quality, guaranteed performance with a user-friendly design to support fast, easy installations. With enhanced performance and unmatched system longevity, eXtreme systems are well suited for an extensive range of enterprise and commercial networks.

EXTREME UTP QUICKPORT® CONNECTORS

(See page A13)

- Cutting ledge, large format tear-away dual-layer wiring guide, and pair separation towers simplify punchdown, reduce rework, and support faster terminations
- Patented Retention Force Technology (RFT) protects against tine damage from 4- or 6-pin plugs, saves on costly repairs, and increases system longevity
- Cat 6A connector includes a patented Cone of Silence® for additional alien crosstalk (AXT) suppression
- Compatible with Fluke JackRapid™ Punchdown Tool for quick and easy terminations
- Available in 13 colors

Visit Leviton.com/eXtreme to learn more.

EXTREME UTP PATCH CORDS

(See page A30-A32)

- Stranded conductors ensure long-term channel integrity and add enhanced flexibility
- Cat 6A cord provides exceptional AXT suppression
- Cat 6 and 5e cords feature narrow profile SlimLine Boot to alleviate congestion in higher-density applications

RECOMMENDED PATCH PANELS

(See page A18-A22)

- 110-style panels use 6-port RJ-45 modules in front and 110-style punchdowns on rear
- 110-style offered in flat, angled, and recessed options for any application need
- Silk-screened port numbers and paper label holders for easy reading
- System is also compatible with QuickPort® Panels
- Patented Retention Force Technology (RFT) protects against tine damage from 4- or 6-pin plugs, saves on costly repairs, and increases system longevity (select panels only)
- Compatible with e2XHD Patching System

The GigaMax Cat 5e UTP System delivers reliable, field-proven performance for high-bandwidth applications. This cost-effective structured cabling system is ideal for light commercial and MDU environments.

GIGAMAX UTP QUICKPORT® CONNECTORS

(See page A14)

- Single T568A or T568B wiring labels simplify field terminations
- Narrow connector profile for high-density installations
- Compatible with Fluke JackRapid™ Punchdown Tool for quick and easy terminations
- Durable one-piece frame built for longevity
- Available in 13 colors

GIGAMAX UTP PATCH CORDS

(See page A32)

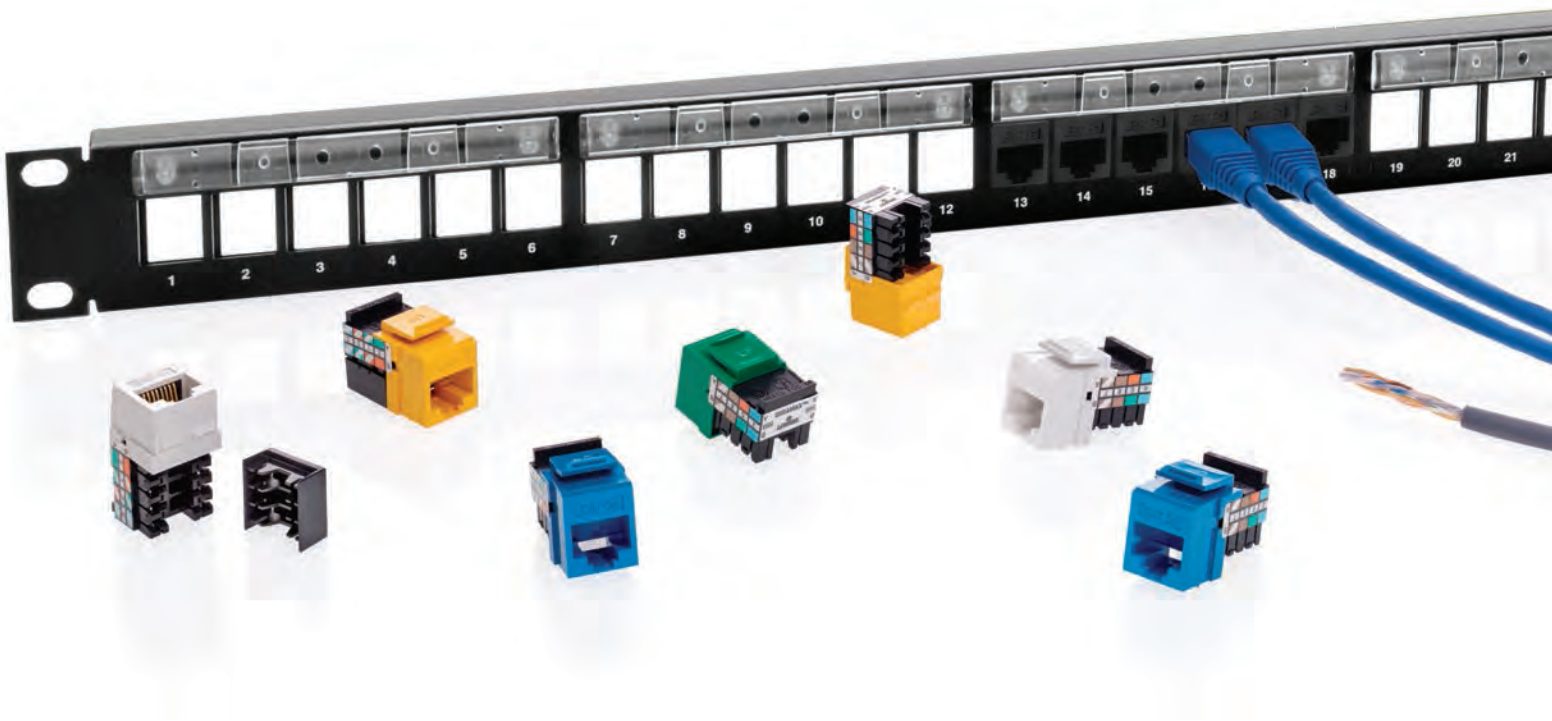
- Color-matched cable and boots
- Rubber boot provides plug protection

RECOMMENDED PATCH PANELS

(See page A17-A21)

- QuickPort flat, angled, and recessed options for any application need
- High-density panels available, with 1RU 48-port and 2RU 72-port options
- QuickPort panels can mix and match different category-rated connectors, and allow users to install the exact quantity of connectors needed while planning for future growth
- System is also compatible with 110-style panels

Visit Leviton.com/GigaMax to learn more.



Leviton Atlas-X1, eXtreme & GigaMax

COPPER SYSTEMS

are designed to give customers the right level of performance and value to fit their needs. These systems have been tested and verified by third-party labs to meet or exceed industry-standard performance. And they all include a limited lifetime warranty when installed by Leviton certified installers.

This selection chart provides part numbers for system connectors, patch cords, and recommended patch panels.

Note that Leviton UTP systems are compatible with a wide range of patch panels beyond what is listed here. For a full list of Leviton patch panels, see pages A16-A23.

WATCH: TRAINING VIDEOS

Leviton.com/ns/videos
"How to Terminate Atlas-X1 Connector"

Cat 6A

ATLAS-X1™ UTP - MISSION CRITICAL

Connectors	6AUJK-xx6
Patch Cords	6AS10-xxx
Recommended Patch Panels	e2XHD Panels (flat, angled) & Cassette C1255-H48 (composite, empty) Any empty QuickPort® panel (Pages A18-A21)

ATLAS-X1 SHIELDED - MISSION CRITICAL

Connectors	6ASJK-xx6
Patch Cords	6AS10-xxx
Recommended Patch Panels	4S255-xxx 4S256-xxx

EXTREME® UTP - ENTERPRISE

Connectors	6110G-xx6
Patch Cords	6210G-xxx 6AZ10-xxx
Recommended Patch Panels	6910G-Uxx 6A586-xxx 6A587-xxx Any empty QuickPort panel (Pages A18-A21)

GIGAMAX® UTP - LIGHT COMMERCIAL, MDU

Connectors	—
Patch Cords	—
Recommended Patch Panels	—

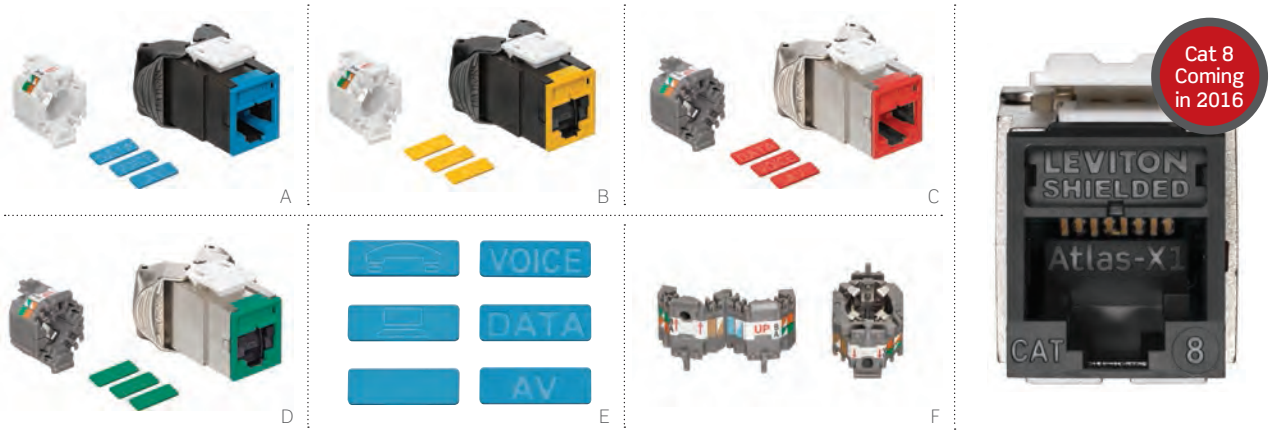
Cat 6	Cat 5e
61UJK-xx6	5EUJK-xx5
6D560-xxx	5D560-xxx
e2XHD Panels & Cassette C1255-H48 C1686-U48 Any empty QuickPort panel (Pages A18-A21)	e2XHD Panels & Cassette C1255-H48 C1586-U48 Any empty QuickPort panel (Pages A18-A21)
61SJK-xx6	5ESJK-xx5
6S560-xxx	5S460-xxx
4S255-xxx 4S256-xxx	4S255-xxx 4S256-xxx
61110-xx6	5G110-xx5
6D460-xxx 62460-xxx 6Z460-xxx	5D460-xxx
69270-xxx 69586-xxx 69587-xxx Any empty QuickPort panel (Pages A18-A21)	5G270-xxx 5G596-xxx 5G597-xxx Any empty QuickPort panel (Pages A18-A21)
—	5G108-xx5
—	5G460-xxx
—	5G596-xxx 5G597-xxx Any empty QuickPort panel (Pages A18-A21)

FEATURED PRODUCTS

Atlas-X1 Component-Rated UTP & Shielded Connectors **A12**

Connectors

Leviton copper connectors go through rigorous third-party testing to ensure the highest levels of quality and reliability. Whether supporting mission-critical applications with Atlas-X1™, a large enterprise with eXtreme®, or a small business infrastructure with GigaMax®, Leviton has the connectivity solution for your needs.



ATLAS-X1 COMPONENT-RATED UTP & SHIELDED CONNECTORS

- Innovative wire manager and door-release levers support quick, repeatable terminations
- Tool-free design requires no specialized termination tool
- Patented Retention Force Technology (RFT) protects against tine damage and increases system longevity
- Each connector includes interchangeable icons (voice, data, AV, and blank), color-coded to match the connector face
- Connector with internal shutter is available to protect ports from dust, debris, and contaminants
- Shielded connectors provide additional EMI/RFI protection, signal isolation, and alien crosstalk (AXT) suppression
- Unified form factor and termination method, from Cat 5e to Cat 8
- Tested and approved for use in air-handling spaces (plenum rating) in accordance with UL Standard 2043
- Supports Power over Ethernet (PoE) – See individual product specifications sheets for full capabilities
- Made in the USA

WATCH: INSTALLATION VIDEOS

Leviton.com/ns/videos
"How to Terminate Atlas-X1 Connector" or
"How to Terminate the Atlas-X1 Shielded Connector"

See connector termination Instructions on page X7.

ATLAS-X1 UTP QUICKPORT® CONNECTORS						
DESCRIPTION		CAT 6A		CAT 6		CAT 5E
Atlas-X1 UTP QuickPort Connector	[A]	6AUJK-R*6		61UJK-R*6		5EUJK-R*5
Atlas-X1 UTP QuickPort Connector with Shutter		6AUJK-S*6	[B]	61UJK-S*6		5EUJK-S*5
ATLAS-X1 SHIELDED QUICKPORT CONNECTORS						
Atlas-X1 Shielded QuickPort Connector	[C]	6ASJK-R*6		61SJK-R*6		5ESJK-R*5
Atlas-X1 Shielded QuickPort Connector with Shutter		6ASJK-S*6		61SJK-S*6	[D]	5ESJK-S*5

ATLAS-X1 ACCESSORIES		
DESCRIPTION		PART NO.
Atlas-X1 Bulk Icons, pack of 72 (2-sided icons, 24 of each icon)	[E]	ICONS-IC*
Atlas-X1 UTP Wire Managers, bag of 10		AXUJK-BWM
Atlas-X1 Shielded Wire Managers, bag of 10	[F]	AXSJK-BGM

* = Colors: Choose from any of the colors below.

White (W) · Light Almond (T) · Ivory (I) · Yellow (Y) · Orange (O) · Crimson (C) · Dark Red (R) · Purple (P) · Blue (L) · Green (V) · Grey (G) · Black (E) · Brown (B)

CATEGORY-RATED CONNECTORS | eXtreme®

EXTREME UTP QUICKPORT® CONNECTORS

- Patented Retention Force Technology protects against damage from 4- or 6-pin plugs
- Pair Separation Towers facilitate quick, effective termination
- Compatible with Fluke JackRapid™ Punchdown Tool for quick and easy terminations
- Cat 6A connector includes a patented Cone of Silence® for additional alien crosstalk (AXT) suppression
- Patented large format, tear-away, dual-layer wiring guide
- Made in the USA

EXTREME UTP QUICKPORT CONNECTORS

DESCRIPTION		PART NO.	QUICKPACK® 25-PACK	QUICKPACK 150-PACK WITH JACKRAPID TOOL
[A]	eXtreme Cat 6A UTP Channel-Rated Connector	6110G-R*6	—	—
[B]	eXtreme Cat 6 UTP Component-Rated Connector	61110-R*6	61110-B*6	61110-J*6
[C]	eXtreme Cat 5e UTP Component-Rated Connector	5G110-R*5	5G110-B*5	5G110-J*5

* = Colors: Choose from any of the colors below.

All Leviton Category-Rated Connectors are RoHS Compliant.

White (W) · Light Almond (T) · Ivory (I) · Yellow (Y) · Orange (O) · Crimson (C) · Dark Red (R) · Purple (P) · Blue (L) · Green (V) · Grey (G) · Black (E) · Brown (B)

SPOTLIGHT Component- vs. Channel-Rated Performance

FEATURE	COMPONENT RATED	CHANNEL RATED
Meets ANSI/TIA standard	✓	✓
Exceeds ANSI/TIA standard	✓	
Complete end-to-end channel tested	✓	✓
Individually certified (tested) component	✓	
Meets channel-link performance	✓	✓
Greater permanent-link performance	✓	
Ensures multi-manufacturer channel compatibility	✓	

A

B

C

GIGAMAX UTP QUICKPORT® CONNECTORS

- Single T568A or T568B wiring labels simplify terminations
- Narrow connector profile for high-density installations
- Compatible with Fluke JackRapid™ Punchdown Tool for quick and easy terminations
- Durable one-piece frame built for longevity
- Made in the USA

CAT 5/3 & USOC UTP QUICKPORT CONNECTORS

- Fit into all QuickPort wallplates and housings
- Full support of voice and low-speed data applications
- Cat 5/3 and 8P8C USOC accept RJ-45 plugs; 6P6C USOC accepts RJ-11 plugs

See Connection Termination Instructions on pages X7 and X8.

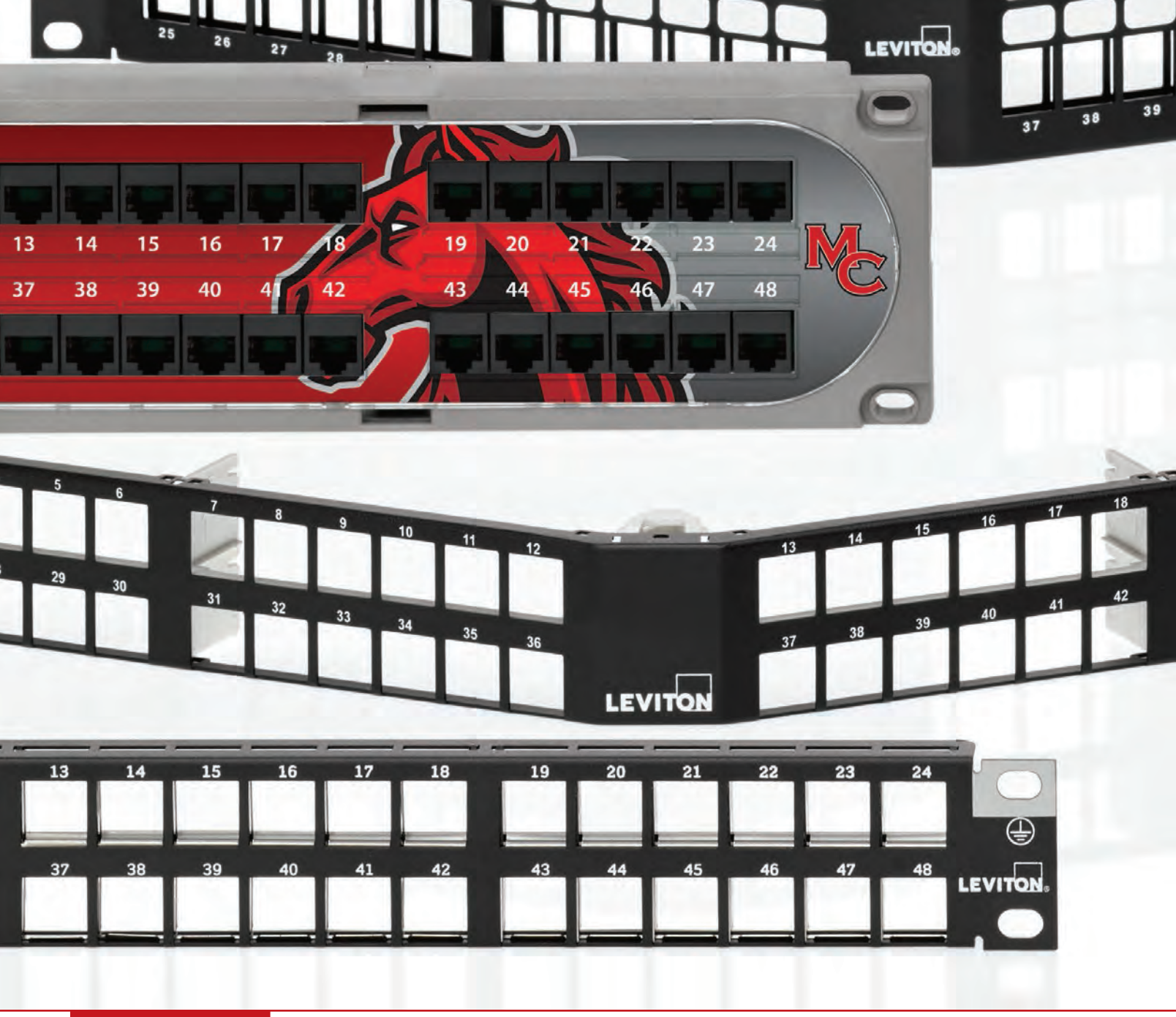
CONNECTOR ADAPTER BEZELS

- Allow QuickPort connectors to be open spacing installed into third-party wallplates and surface-mount boxes
- Bezel color will be visible after installation
- Packaged individually and sold separately from connectors
- CommScope bezels fit SYSTIMAX® or Uniprise® wallplates and surface-mount boxes

	DESCRIPTION	PART NO.	QUICKPACK® 25-PACK	QUICKPACK 150-PACK WITH JACKRAPID TOOL
GIGAMAX CAT 5E UTP QUICKPORT CONNECTORS				
[A]	GigaMax Cat 5e UTP Channel-Rated Connector	5G108-R*5	5G108-B*5	5G108-J*5
CAT 5/3/USOC UTP QUICKPORT CONNECTORS				
[B]	Cat 5 Connector	41108-R*5	—	—
	Cat 3 Connector	41108-R*3	—	—
	USOC Connector, 8P8C	41108-R*8	—	—
	USOC Connector, 6P6C	41106-R*6	—	—
CONNECTOR ADAPTER BEZELS				
	LexCom Connector Adapter Bezel (connector not included)	AB300-00†	—	—
	CommScope Connector Adapter Bezel (connector not included)	AB100-00†	—	—
[C]	Clipsal® Connector Adapter Bezel (connector not included)	AB200-00*	—	—

* = Colors: Choose from any of the colors below.
† = Colors: Choose from white or black.
All Leviton Category-Rated and USOC Connectors are RoHS compliant.

White (W) · Light Almond (T) · Ivory (I) · Yellow (Y) · Orange (O) · Crimson (C) · Dark Red (R) · Purple (P) · Blue (L) · Green (V) · Grey (G) · Black (E) · Brown (B)



FEATURED PRODUCTS

Composite Patch Panels **A19**

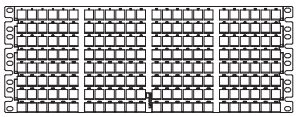
1RU 48-Port QuickPort® High-Density Flat & Angled Panels **A18, A20**

e2XHD Snap-In Cassette Patching System **A22**

Patch Panels & Cross Connect

Choose Leviton for all your patch panel needs. Our e2XHD high-density panels make patching easier than ever, using snap-in copper and fiber cassettes. Other popular styles include the 1RU 48-port, component-rated Cat 6A 110-style, and composite panels with a customizable face. Additional UTP and shielded panels, the patented Zero-U VertiGO®, die-cast high-density panels, recessed panels for close quarters, and two angled styles round out the industry's largest selection of patch panels.

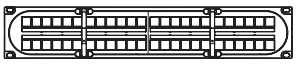
Flat 48-Port


Flat 192-Port

e2XHD Snap-In Cassette Patch Panels ▶ A22

These high-density panels are designed for data center applications where fast single-click deployment and simple maintenance is important. They accept both fiber and copper e2XHD snap-in cassettes in the same panel.

Available Styles: Flat | Angled


Flat 48-Port

Flat Composite Patch Panels ▶ A19

Leviton Composite panels have the same profile as standard metal panels, but feature polymer composite construction. Customizable faces are ideal for data centers, telecommunication rooms, and other showroom-style environments.

Available Styles: 110-Style | QuickPort®

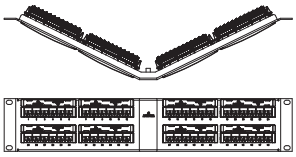
Flat 48-Port

Die-Cast High-Density 48-Port

Flat Patch Panels ▶ A17-A19

Traditional, flat profile works well in almost any application. Most flat panels include rear cable management bars.

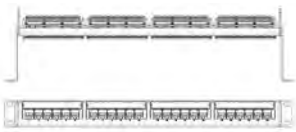
Available Styles: 110-Style | QuickPort | Shielded

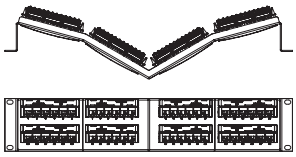

Angled 48-Port

Angled Patch Panels ▶ A20

Recommended for use in racks to optimize patch cord management and rack space utilization.

Available Styles: 110-Style | QuickPort | Shielded

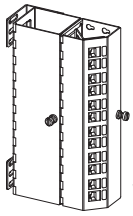

Recessed-Flat 24-Port


Recessed-Angled 48-Port

Recessed & Recessed-Angled Patch Panels ▶ A21

Designed primarily for data center cabinet applications, recessed-flat and recessed-angled panels are ideal where a low-profile appearance and minimal depth in front of the panel is required.

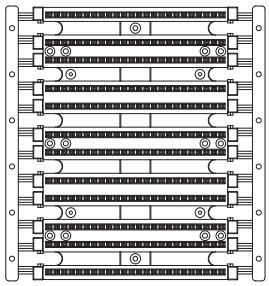
Available Styles: 110-Style | QuickPort


VertiGO® Zero-U

Zero-U Patch Panels ▶ A23

VertiGO panels are recommended for use in data center cabinets, or for any application that needs connectivity outside of the traditional 19-inch rack space. Vertical channel models provide cable routing and protection.

Available Styles: QuickPort | SDX


Cross-Connect 110-Style Wiring Block

Cross-Connect ▶ A25

Dependable, flexible, and cost effective, Leviton 110-style and 66-block cross-connect products are ideal for telecommunications rooms and distribution frames. 110-style wiring blocks are available in Cat 6A, 6, and 5e, and can be mounted to the wall or plywood backboard. Rack-mount solutions are also available.

Available Styles: Cat 6A | Cat 6 | Cat 5e

PATCH PANELS | Flat Metal 110-Style > UTP

A

B

C

D

E

FLAT UTP 110-STYLE PATCH PANELS

- 1RU 12- or 24-port, 2RU 48-port, and 4RU 96-port configurations
- 6-port RJ-45 modules on front, and 110-style punchdowns on rear
- Includes color codes for T568A and T568B wiring schemes
- Cat 5e and Cat 6 include 25-pair wiring schemes
- Silk-screened port numbers and paper label holders included
- Optional patented magnifying lens label holders for easy reading
- Patented Retention Force Technology (RFT) protects against tine damage from 4- or 6-pin plugs, saves on costly repairs, and increases system longevity (select panels only)

FLAT 110-STYLE PATCH PANELS & PATCH BLOCK

DESCRIPTION	CAT 6A	CAT 6	CAT 5E
1RU 12-Port Flat 110-Style Patch Panel	—	69586-U12	5G596-U12
1RU 24-Port Flat 110-Style Patch Panel	—	**[B]** 69586-U24	5G596-U24
1RU 24-Port Flat 110-Style Patch Panel, magnifying lens label holder	**[A]** 6A586-U24	69586-L24	5G596-L24
2RU 48-Port Flat 110-Style Patch Panel	—	**[C]** 69586-U48	5G596-U48
2RU 48-Port Flat 110-Style Patch Panel, magnifying lens label holder	6A586-U48	69586-L48	5G596-L48
2RU 48-Port Flat 110-Style Patch Panel, central labeling		**[D]** 69586-C48	5G596-C48
4RU 96-Port Flat 110-Style Patch Panel	—	69586-U96	5G596-U96
12-Port 110-Style Patch Block, 89D bracket	—	**[E]** 69586-U89	5G596-U89

AVAILABLE CABLE MANAGEMENT:

See Section E for product details and ordering information.

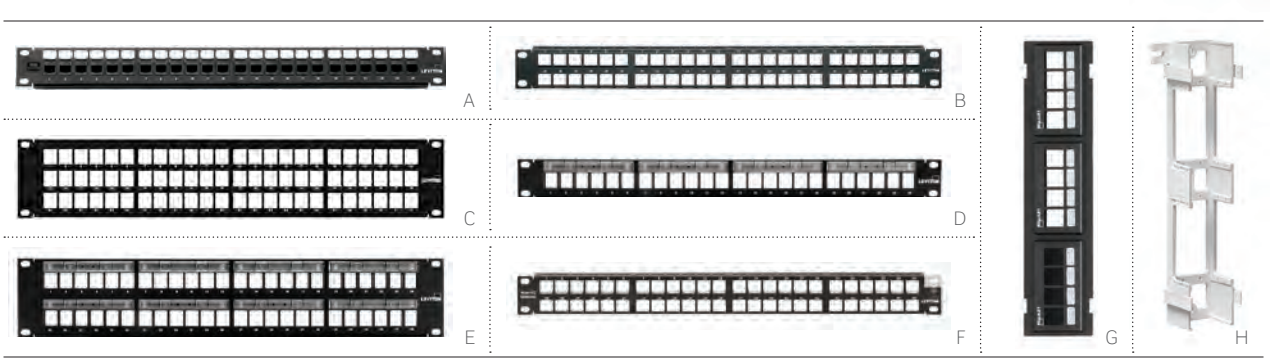
- Versi-Duct®
- Rear Cable Management Bars
- Horizontal Cable Managers
- Blank Filler Panels
- VELCRO® Brand Fasteners

49005-CMB included with all 110-Style Cat 6A/6/5e flat panels.

SPOTLIGHT Cat 6A Component-Rated 110-Style Patch Panels

Leviton Cat 6A 110-style patch panels offer ANSI/TIA-568-C.2 performance up to 500 MHz to support 10GBASE-T networks. The panels have a physical design consistent with industry-standard 110-style panels, including in-line configured IDCs and 6-port housing modules. In addition, they add several exclusive design features:

- Pair Separation Tower design makes untwisting Cat 6A pairs easier
- Separated IDC fields simplify identifying first cable-pair position
- Conductor retention feature holds conductors securely in place during termination
- Triple-stage compensation with patented design features enhances permanent link and channel performance



FLAT UTP QUICKPORT PATCH PANELS

- Standard-density 24- and 48-port panels are available with white blocks or patented magnifying lens label holder
- Silk-screened port numbers on panel front
- High-density 1RU 48-port and 2RU 72-port options maximize rack space and reduce costs in high-density applications
- 1RU 48-port panel available in standard (stamped) or patented robust die-cast aluminum

ATLAS-X1™ FLAT SHIELDED QUICKPORT PATCH PANELS

- Shielding protects against electromagnetic interference (EMI) and radio frequency interference (RFI), and provides excellent alien crosstalk (AXT) suppression
- Includes appropriate grounding hardware
- High-density 1RU 48-port option maximizes rack space and reduces costs in high-density applications

AVAILABLE CABLE MANAGEMENT:

See Section E for product details and ordering information.

- Versi-Duct®
- Rear Cable Management Bars
- Horizontal Cable Managers
- Blank Filler Panels
- VELCRO® Brand Fasteners

49005-CMB included with all Cat 6A/6/5e flat panels, unless otherwise noted.

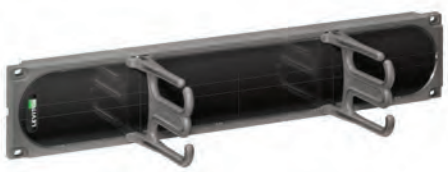
FLAT QUICKPORT PATCH PANELS, PATCH BLOCKS & ACCESSORIES					
DESCRIPTION		CAT 6A	CAT 6	CAT 5E	EMPTY
1RU 24-Port Flat QuickPort Patch Panel	**[A]**	6910G-U24‡	69270-U24‡	5G270-U24‡	49255-H24‡
1RU 48-Port Flat High-Density QuickPort Patch Panel	**[B]**	—	—	—	49255-Q48*
1RU 48-Port Flat High-Density Die-Cast QuickPort Patch Panel		—	69270-D48^	5G270-D48^	49255-D48^
2RU 48-Port Flat QuickPort Patch Panel		6910G-U48	69270-U48	5G270-U48	49255-H48
2RU 72-Port Flat QuickPort Patch Panel	**[C]**	—	—	—	49255-D72
1RU 24-Port Flat QuickPort Patch Panel, magnifying lens label holder	**[D]**	—	—	—	49255-L24‡
2RU 48-Port Flat QuickPort Patch Panel, magnifying lens label holder	**[E]**	—	—	—	49255-L48
12-Port QuickPort Patch Block, mounting bracket (item H below) sold separately, 10" H x 2.375" W	**[G]**	—	—	—	49255-Q89
12-Port QuickPort Patch Block, extra deep, mounting bracket included, 10" H x 2.375" W		—	—	—	47689-0QP
QuickPort Patch Block 89D Mounting Bracket (mounts to item G)	**[H]**	—	—	—	40089-00D
ATLAS-X1 FLAT SHIELDED PATCH PANELS					
1RU 24-Port Flat Shielded QuickPort Patch Panel		—	—	—	4S255-S24‡
1RU 48-Port Flat Shielded QuickPort Patch Panel	**[F]**	—	—	—	4S255-D48*
2RU 48-Port Flat Shielded QuickPort Patch Panel		—	—	—	4S255-S48

‡ = Intact™ Intelligent Port Management ready (see Section F). * = Cable management bar sold separately. ^ = 49005-DMB, high-density cable management bar included.
Cat 6A/6/5e patch panels are kitted with black 6110G, 61110, or 5G110 connectors. QuickPort connectors are available on pages A12-A14.

PATCH PANELS | Flat Composite > UTP

A

B



C

Customize composite patch panels with any design, color, or logo.
Visit **Leviton.com/compositepanel** to learn more.

FLAT COMPOSITE UTP 110-STYLE AND QUICKPORT® PATCH PANELS

- 10 percent stronger than standard 16-gauge metal patch panels, providing added support during termination of 110-style panels
- Panel face can be customized to feature any design, color, or logo
- Patch cord managers prevent cables from obstructing view of port numbers
- Clear label holders create a window to easily view port numbers and custom designs
- Patented Retention Force Technology (RFT) protects against tine damage from 4- or 6-pin plugs, saves on costly repairs, and increases system longevity

FLAT COMPOSITE 110-STYLE & QUICKPORT PATCH PANELS

DESCRIPTION	CAT 6	CAT 5E	EMPTY
2RU 48-Port Flat Composite 110-Style Panel	**[A]** C1686-U48	C1586-U48	—
2RU 48-Port Flat Composite QuickPort Panel	—	—	**[B]** C1255-H48
2RU Blank Panel / Cable Manager	—	—	**[C]** C1253-2CM

QuickPort connectors are available on pages A12-A14.

AVAILABLE CABLE MANAGEMENT:

See Section E for product details and ordering information.

- Versi-Duct®
- Rear Cable Management Bars
- Horizontal Cable Managers
- Blank Filler Panels
- VELCRO® Brand Fasteners

Front and Rear Managers are included (QuickPort and 110-Styles only)

WATCH: TRAINING VIDEOS

Leviton.com/ns/videos
"Composite Patch Panel"

SPOTLIGHT Composite Patch Panels

Patch panels combine strength and durability with a unique style and customizable faces, providing a uniform look when installed with 2000i SDX Fiber Enclosures and Versi-Duct Cable Managers.

- Under applied force tests, the panel was 10 percent stronger than standard 16-gauge metal patch panels
- Panels come kitted with two patch cord managers that attach directly to the panel face, saving up to 50 percent of rack or cabinet space and reducing obstruction of center label
- Clear label holders create a "window" to easily view centralized port numbers and custom designs

A

B

C

D

ANGLED UTP 110-STYLE & QUICKPORT® PATCH PANELS

- Angled design conserves rack space by routing patch cords directly into vertical cable management
- Angled design facilitates proper bend radius and simplifies termination
- 110-style angled panels include a snap-in plastic label holder and card stock labels
- QuickPort angled panels include white write-on blocks
- Cat 6A panels include patented magnifying lens label holders for easy reading

ATLAS-X1™ ANGLED SHIELDED QUICKPORT PATCH PANELS

- Shielding protects against electromagnetic interference (EMI) and radio frequency interference (RFI), and provides excellent alien crosstalk (AXT) suppression
- Include appropriate grounding hardware
- High-density 1RU 48-port option maximizes rack space and reduces costs in high-density applications

ANGLED 110-STYLE & QUICKPORT PATCH PANELS				
DESCRIPTION	CAT 6A	CAT 6	CAT 5E	EMPTY
1RU 24-Port Angled 110-Style Patch Panel	—	69587-U24	5G597-U24	—
1RU 24-Port Angled 110-Style Patch Panel, magnifying lens holder	6A587-U24	69587-L24	5G597-L24	—
2RU 48-Port Angled 110-Style Patch Panel	—	**[A]** 69587-U48	5G597-U48	—
2RU 48-Port Angled 110-Style Patch Panel, magnifying lens holder	6A587-U48	69587-L48	5G597-L48	—
1RU 24-Port Angled QuickPort Patch Panel	—	—	—	49256-H24
1RU 24-Port Angled QuickPort Patch Panel, magnifying lens holder	—	—	—	49256-L24
2RU 48-Port Angled QuickPort Patch Panel	—	—	—	49256-H48
2RU 48-Port Angled QuickPort Patch Panel, magnifying lens holder	—	—	—	49256-L48
2RU 72-Port Angled QuickPort Patch Panel	—	—	—	**[B]** 49256-D72
1RU 48-Port Angled High-Density QuickPort Patch Panel	—	—	—	**[C]** 49256-D48
ATLAS-X1 ANGLED SHIELDED PATCH PANELS				
1RU 24-Port Angled Shielded QuickPort Patch Panel				4S256-S24
1RU 48-Port Angled Shielded QuickPort Patch Panel				4S256-D48
2RU 48-Port Angled Shielded QuickPort Patch Panel				**[D]** 4S256-S48

QuickPort Connectors are available on pages A12-A14.

AVAILABLE CABLE MANAGEMENT:

See Section E for product details and ordering information.

- Versi-Duct®
- Rear Cable Management Bars
- Horizontal Cable Managers
- Blank Filler Panels
- Transitional Covers
- VELCRO® Brand Fasteners

49006-AMB
Recommended angled rear cable management bar

49254-BC1
Recommended angled transitional cover

PATCH PANELS | Recessed-Flat & Recessed-Angled > UTP

A

B

C

Recessed-flat and recessed-angled patch panels are a great option for rack and cabinet installations with minimal front depth, and where rear cabinet doors are in close proximity to the back rail.

RECESSED-FLAT 110-STYLE & QUICKPORT® PATCH PANELS

- 3-inch recessed design allows improved access and maintains proper cable bend radius
- All recessed-flat panels include a screwless cable management bar that fastens directly to the back of the panel
- Recessed-flat 110-style panels include patented magnifying lens label holders for easy reading

RECESSED-ANGLED 110-STYLE & QUICKPORT PATCH PANELS

- Conserve rack space by routing patch cords directly into vertical cable management
- Unique dual-angled design greatly improves punchdown accessibility
- Recessed-angled 110-style panels include a snap-in plastic label holder and card stock labels

RECESSED-FLAT 110-STYLE & QUICKPORT PATCH PANELS					
DESCRIPTION		CAT 6	CAT 5E		EMPTY
1RU 24-Port Recessed-Flat 110-Style Panel	[A]	69586-R24	5G596-R24		—
2RU 48-Port Recessed-Flat 110-Style Panel		69586-R48	5G596-R48		—
1RU 24-Port Recessed-Flat QuickPort Panel		—	—		49255-R24
RECESSED-ANGLED 110-STYLE & QUICKPORT PATCH PANELS					
2RU 48-Port Recessed-Angled 110-Style Panel	[B]	6W587-U48	5W597-U48		—
1RU 24-Port Recessed-Angled QuickPort Panel		—	—	[C]	4W256-H24
2RU 48-Port Recessed-Angled QuickPort Panel		—	—		4W256-H48
2RU 72-Port Recessed-Angled QuickPort Panel		—	—		4W256-D72

QuickPort connectors are available on pages A12-A14.

AVAILABLE CABLE MANAGEMENT:

See Section E for product details and ordering information.

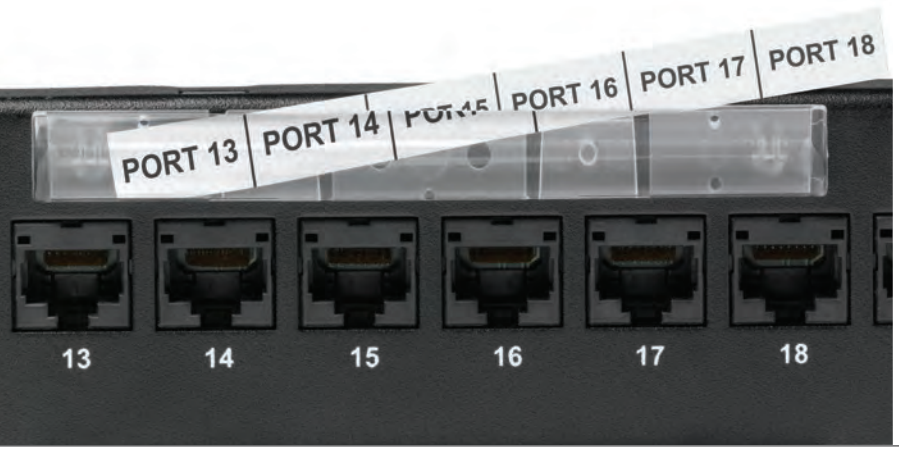
- Versi-Duct®
- Rear Cable Management Bars
- Horizontal Cable Managers
- VELCRO® Brand Fasteners

49005-CMB included with all recessed-flat panels.

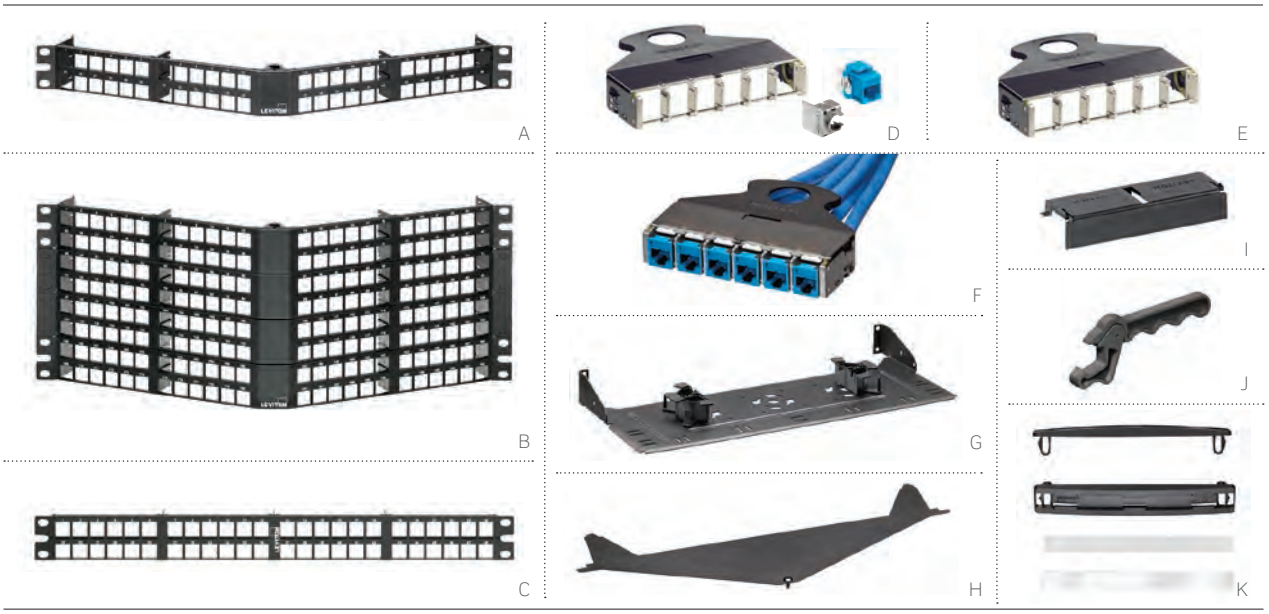
4W006-AMB
Recommended rear cable management bar for recessed-angled panels

4W254-BC1
Recommended recessed-angled transitional cover for recessed-angled panels

SPOTLIGHT Magnifying Lens Label Holder



Available with a wide selection of Leviton patch panels, Leviton patented magnifying lens label holders ensure visibility of port labels for easy identification of individual port designations.



The e2XHD Snap-In Cassette Patching System includes 1RU and 4RU panels, copper and fiber snap-in cassettes, and accessories for additional cable protection and management. The e2XHD cassettes quickly snap in and pull out of the high-density angled panel, making installation, moves, adds, and changes easier than ever.

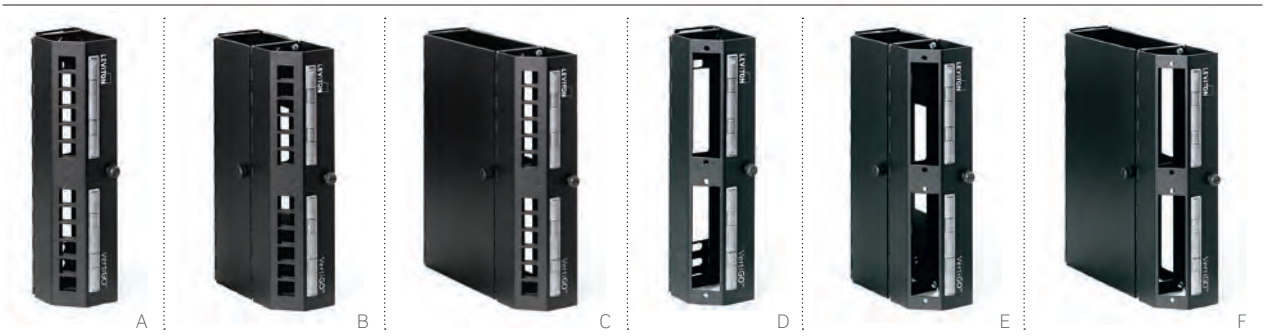
- Panels allow a mix-and-match of Leviton fiber and copper UTP snap-in cassettes
- Cassettes are available empty or on pre-terminated trunks (see Leviton.com/configurator)
- UTP copper connectors easily snap into cassette after termination
- System accessories include rear cable managers, blank cassette inserts for unused cassette openings, and a cover for the angled panel, minimizing dust or debris

e2XHD UTP SNAP-IN CASSETTE PATCHING SYSTEM		
DESCRIPTION		PART NO.
[A]	1RU 48-Port e2XHD Angled High-Density Panel	E2X1A-D48
[B]	4RU 192-Port e2XHD Angled High-Density Panel	E2X4A-192
[C]	1RU 48-Port e2XHD Flat High-Density Panel	E2X1F-D48
	4RU 192-Port e2XHD Flat High-Density Panel	E2X4F-192
[D]	6-port e2XHD Cat 6A Cassette Kit^	E2X6A-xxx
[E]	6-port e2XHD Cassette, empty*	E2XHD-BRK
[F]	e2XHD Copper Cassette, terminated to trunk cable	Configure online at Leviton.com/e2XHD
	e2XHD Rear Cable Manager for Angled Panel, with fiber storage rings (four ¼" rings)	E2XHD-CMB
[G]	e2XHD Rear Cable Manager for Flat Panel, with fiber storage rings (four ¼" rings)	E2X1F-CMB
[H]	e2XHD Angled Panel Cover	E2XHD-COV
[I]	e2XHD Cassette Blank	E2XHD-BLK
[J]	QuickPort® Connector Removal Tool	E2XHD-JRT
[K]	e2XHD Label Kit (4 pack)+	E2XHD-LBL

^ = Cat 6A Cassettes include six 6110G QuickPort Connectors.
xxx = Connector colors: Blue (BLU), Green (GRN), Yellow (YEL), Red (RED)
* = QuickPort connectors sold separately (see pages A12-A14).
+= Label kit occupies one row of panel.

e2XHD Snap-In Cassette Patching System for fiber applications on pages B33-B36.

PATCH PANELS | VertiGO® Zero-U QuickPort® UTP & SDX



VERTIGO ZERO-U PATCH PANELS

- Zero-U panels can be mounted to a ladder tray, wire basket, under a raised floor, or onto modular furniture
- QuickPort or SDX-style openings for copper and fiber installations
- Low-profile design fully covers connections
- Improves cabinet center airflow by routing rear cable along outer edges
- Styles with 3- and 6-inch channels provide additional cable management space
- Hinged doors provide easy access to termination field
- Patented magnifying lens label holders facilitate easy reading

RECOMMENDED APPLICATIONS:

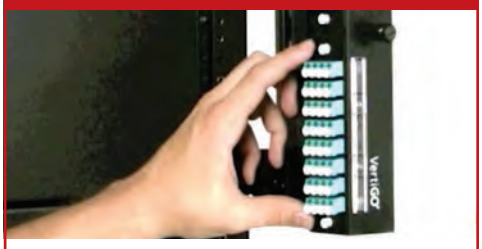
- Any Size Cabinet
- Ladder Tray
- Wire Basket
- Raised-Floor Enclosure
- Modular Furniture
- Wall-Mount

VERTIGO ZERO-U PATCH PANELS

	DESCRIPTION	PART NO.
[A]	12-Port UTP QuickPort VertiGO Panel, panel only, empty	49280-QP0
[B]	12-Port UTP QuickPort VertiGO Panel, 3" channel, empty	49280-QP3
[C]	12-Port UTP QuickPort VertiGO Panel, 6" channel, empty	49280-QP6
[D]	SDX Adapter Plate VertiGO Panel, panel only, empty	49280-AP0
[E]	SDX Adapter Plate VertiGO Panel, 3" channel, empty	49280-AP3
[F]	SDX Adapter Plate VertiGO Panel, 6" channel, empty	49280-AP6

Contact Inside Sales at 800.722.2082 for custom VertiGO configurations.
QuickPort connectors are available on pages A12-A14, B70, and C14.
SDX adapter plates are available on pages B27-B28.
Channel not available separately.

WATCH: INSTALLATION VIDEOS



Leviton.com/ns/videos
"How to Mount a VertiGO Patch Panel"

See page B26 for additional specialized fiber applications.

SPOTLIGHT VertiGO Zero-U Patch Panels > Unparalleled Flexibility

Patented VertiGO Zero-U Patch Panels offer unprecedented versatility for a wide range of installations. In data centers where left- or right-side cabinet installation is ideal, VertiGO can share mounting hardware with servers or other existing equipment. Where traditional cabinet space is lacking, VertiGO can be mounted to a ladder tray, wire basket, directly to the wall, under a raised floor, or even onto modular furniture.

VertiGO addresses three major data center issues: density, cooling, and appearance. Mounting vertically along a back cabinet rail allows more terminations than would otherwise be possible. Cables can be routed along the cabinet outer edges to improve airflow. The low-profile design fully covers the connections, providing the clean look data center managers seek.

A-C

D

E

F

G

VOICE-GRADE PATCH PANELS

- 110-style or female 25-pair configurations
- Unique label delineates 1-, 2-, 4-, or 25-pair termination options
- 25th pair (violet/slate) is not used in 25-pair style panels
- 8P8C panel supports 10/100BASE-T applications
- Features 25-pair female Amphenol™ RJ-21X connectors

RJ-21X CONNECTORS PER PATCH PANEL

VOICE-GRADE PANELS		
PART NO.	24-PORT	48-PORT
49012	1	2
49014	2	4
49018	4	8

PATCH PANEL LABELING SOLUTIONS

- Universal/110-style labeling kits for 12-, 24-, 48-, and 96-port panels
- QuickPort® kits available for 24- and 48-port panels
- Label holders include adhesive backing

VOICE-GRADE PATCH PANELS				
DESCRIPTION		1RU 24-PORT		2RU 48-PORT
8P4C Patch Panel, 110 termination, 2 wire-pairs per port	**[A]**	49013-P24	**[D]**	49013-P48
8P4C Patch Panel, two 25-pair connectors per 24 ports, 2 wire-pairs per port		49014-J24	**[B]**	49014-J48
8P2C Patch Panel, one 25-pair connector per 24 ports, 1 wire-pair per port		49012-J24		49012-J48
8P8C Patch Panel, one 25-pair connector per 6 ports (supports 10/100BASE-T), 4 wire-pairs per port	**[C]**	49018-J24		49018-J48

PATCH PANEL LABELING SOLUTIONS		
	DESCRIPTION	PART NO.
[E]	Adhesive Holder and Label Kit for QuickPort® Patch Panels (supports 24 ports)	49257-QHD
[F]	Adhesive Holder and Label Kit for 110-Style Patch Panels (supports 24 ports)	49257-I24
[G]	Designation Kit Replacement for 110-Style Patch Panels (supports 24 ports)	69585-IDL

A

B

C-E

F, G

H

I

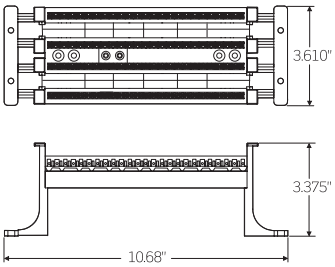
J

CAT 6A 110-STYLE WIRING BLOCKS

- Supports high-frequency data signals up to 500 MHz
- Can be used as a consolidation point (CP) in a TIA-defined 90-meter permanent link
- Designed to mitigate alien crosstalk (AXT)
- Independently tested and verified by Intertek (ETL) to meet all TIA component, permanent link, and channel requirements
- Available in 64-pair wall-mount block

CAT 6 110-STYLE WIRING PRODUCTS

- Supports voice, data, and security applications
- Wall-mount and rack-mount wiring block kits available in 96-, 192-, and 288-pairs
- 110-style patch cords in 110-110 and 110-T568A/B configurations
- Connector clips withstand 200 re-terminations



Our wide selection of 110-style and 66-block products (see page A28) are ideal for telecom rooms and distribution frames. 110-style blocks are available in Cat 6A, 6, and 5e.

CAT 6A 110-STYLE WALL-MOUNT WIRING BLOCK KITS		
DESCRIPTION		64-PAIR
[A]	Cat 6A 110-Style Wiring Block, wall mount, with legs and C-4 clips*	41D6A-1F4

CAT 6 110-STYLE WIRING BLOCK KITS (WITH C-4 CLIPS)						
DESCRIPTION		96-PAIR		192-PAIR		288-PAIR
	Cat 6 110-Style Wiring Block, wall mount, without legs	41NB6-1F4		—		—
	Cat 6 110-Style Wiring Block, wall mount, with legs*	[B] 41AB6-1F4		—		41AB6-3F4
	Cat 6 110-Style Wiring Block, rack mount	[C] 41DR6-1F4	[D]	41DR6-2F4	[E]	41DR6-3F4

CAT 6 110-STYLE PATCH CORDS							
DESCRIPTION		1-FOOT	2-FOOT	3-FOOT	5-FOOT	7-FOOT	10-FOOT
[F]	Cat 6 110 to 110 Patch Cord	62240-01S	62240-02S	62240-03S	62240-05S	62240-07S	62240-10S
[G]	Cat 6 110 to T568B Patch Cord	6234B-01S	—	6234B-03S	6234B-05S	6234B-07S	6234B-10S

CAT 6 110-STYLE CONNECTOR CLIPS		
DESCRIPTION		PART NO.
[H]	Cat 6 C-4 Clips (bag of 10)	69104-IDC

110-STYLE LABELING SOLUTIONS		
[I]	Cat 6 Label Kit, 6/kit	41LBL-60W
[J]	Label Holder, 6/kit	41100-HLD

* = Cat 6A/6 110-Style wiring block stand-off legs are non-removable. Legs not sold separately for Cat 6A/6 wiring blocks.

A-C

D-F

CAT 5E 110-STYLE WIRING PRODUCTS

- Wall-mount bases available in 50- and 100-pair with or without legs
- 300-pair bases include stand-off legs, labels, and label holders
- Kits include bases, connecting blocks, labels, and holders
- Rack-mount units are for 100-, 200-, and 300-pair densities
- Patch cords in 110-110 and 110-T568A/B configurations
- 110-style wiring cable management available

WATCH: INSTALLATION VIDEOS

Leviton.com/ns/videos
"How to Terminate 110-Style Cross-Connect"

CAT 5E 110-STYLE WALL-MOUNT WIRING BLOCK KITS		
DESCRIPTION	C-4 CLIPS	C-5 CLIPS
Cat 5e 110-Style Wall-Mount Wiring Block Kit, with legs, 100 pair*	41AB2-1F4	41AB2-1F5
Cat 5e 110-Style Wall-Mount Wiring Block Kit, without legs, 100 pair	—	41NB2-1F5
Cat 5e 110-Style Wall-Mount Wiring Block Kit, with legs, 300 pair*	41AB2-3F4	41AB2-3F5

CAT 5E 110-STYLE WALL-MOUNT WIRING BLOCKS			
DESCRIPTION	50-PAIR	100-PAIR	300-PAIR
Cat 5e 110-Style Wall-Mount Wiring Block, with legs*	41AW1-050	**[B]** 41AW2-100	**[A]** 41AW2-300
Cat 5e 110-Style Wall-Mount Wiring Block, without legs	41DW1-050	**[C]** 41DW2-100	—
89D Bracket Compatible Wiring Base Unit**	41DW1-589	—	—

CAT 5E 110-STYLE RACK-MOUNT KITS		
DESCRIPTION	C-4 CLIPS	C-5 CLIPS
Cat 5e 110-Style Rack-Mount Wiring Block Kit, 100 pair, 1RU	41DBR-1F4	41DBR-1F5
Cat 5e 110-Style Rack-Mount Wiring Block Kit, 200 pair, 2RU	41DBR-2F4	41DBR-2F5
Cat 5e 110-Style Rack-Mount Wiring Block Kit, 300 pair, 3RU	41DBR-3F4	41DBR-3F5

CAT 5E 110-STYLE RACK-MOUNT WIRING BLOCKS			
DESCRIPTION	100-PAIR	200-PAIR	300-PAIR
Cat 5e 110-Style Rack-Mount Wiring Block	**[D]** 41DR2-100	**[E]** 41DR2-200	**[F]** 41DR2-300

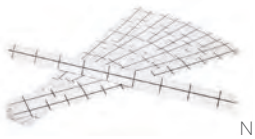
* = Cat 5e 110-style wiring block stand-off legs are non-removable.
** = 89D Brackets, 40089-00D, sold separately. See page A28.

G

H, I

J, K

L, M


N

O

P, Q

RACK-MOUNT MANAGER

DESCRIPTION		PART NO.
Rack-Mount Horizontal Cord Manager	**[G]**	41D1R-HCM

CAT 5E 110-STYLE PATCH CORDS

DESCRIPTION		1-FOOT	2-FOOT	3-FOOT	5-FOOT	7-FOOT	10-FOOT
Cat 5e 110 to 110 Patch Cord, 4 pair	**[H]**	5G240-01S	5G240-02S	5G240-03S	5G240-05S	5G240-07S	5G240-10S
Cat 5e 110 to 568A Patch Cord, 4 pair	**[I]**	5G34A-01S	5G34A-02S	5G34A-03S	5G34A-05S	5G34A-07S	5G34A-10S
Cat 5e 110 to 568B Patch Cord, 4 pair		5G34B-01S	5G34B-02S	5G34B-03S	5G34B-05S	5G34B-07S	5G34B-10S

CAT 5E 110-STYLE CONNECTOR CLIPS

DESCRIPTION	C-3 CLIPS		C-4 CLIPS		C-5 CLIPS
Cat 5e 110-Style Connector Clips (bag of 10)	49103-IDC	**[J]**	49104-IDC	**[K]**	49105-IDC
Cat 5e 110-Style Connector Clips (bag of 50)	—		49104-I50		—

CAT 5E 110-STYLE WIRING BLOCK ACCESSORIES

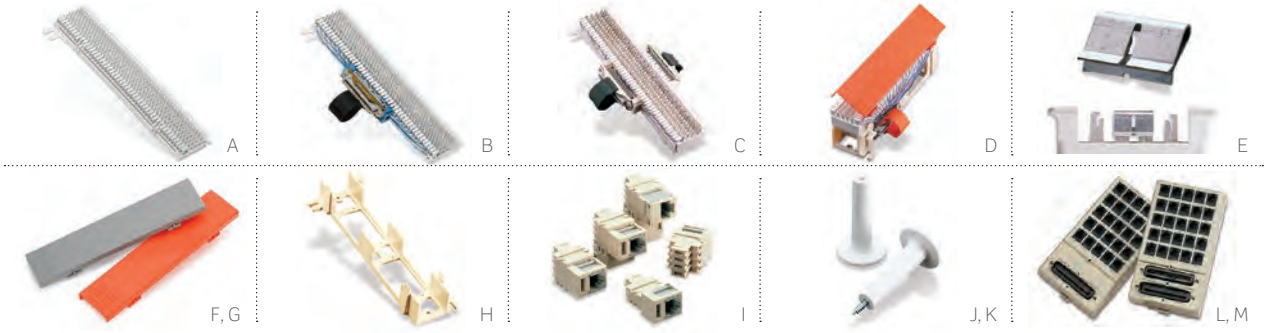
DESCRIPTION		PART NO.
Cat 5e 110-Style legs (2 each) (for use with 41DW1 only)		410L2-050
Cat 5e 110-Style legs (2 each) (for use with 41DW2 only)		410L2-100
110-Style Horizontal Cord Manager without legs	**[L]**	41D10-HCM
110-Style Horizontal Cord Manager with legs*	**[M]**	41A10-HCM

110-STYLE LABELING SOLUTIONS

Cat 5e Label Kit, 6/kit	**[N]**	41LBL-00W
Label Holder, 6/kit	**[O]**	41100-HLD

VERTICAL CORD MANAGERS AND 110-STYLE WALL-MOUNT WIRING PRODUCTS

300-Pair Basic Mounting Frame Unit (sheet metal frame and bottom cable tray only)	**[P]**	41MB2-SMF
300-Pair Extension Mounting Frame Unit (sheet metal frame only)		41MB2-SME
Basic Mounting Frame Kit, three 100-pair bases, mounting frame, cable tray, 75 C-4 connector blocks, three horizontal cord managers, label strip holders, and white label strips		41MB2-3F4
Basic Mounting Frame Kit, three 100-pair bases, mounting frame, cable tray, 60 C-5 connector blocks, three horizontal cord managers, label strip holders, and white label strips		41MB2-3F5
Extension Mounting Frame Kit, three 100-pair bases, mounting frame, 60 C-4 and 12 C-5 connector blocks, three horizontal cord managers, label strip holders, and white label strips		41MB2-EXT
300-pair Vertical Cord Manager Basic Unit, includes bottom cable tray		41880-300
300-pair Vertical Cord Manager Extension Unit	**[Q]**	41880-EXT



66 CONNECTING BLOCKS

- Install individually or in pairs in cross-connect system
- High-impact fire-retardant UL 94V-0 plastic
- Phosphor bronze quick-connect insulation displacement 66-clips
- 25-pair and split 50-pair styles
- Accessories include covers, brackets, wire distribution spools, adapters, and bridging clips

SURFACE-MOUNT MINI PATCH PANELS

- Excellent for tight spaces and simple breakout patching
- Combine two or more panels for in-line cross connect
- Use with 25-pair cable assemblies
- Wall mountable

Visit Leviton.com/support for detailed termination diagrams.

DESCRIPTION		PART NO.
66 CONNECTING BLOCKS		
[A]	M-Block: 25-pair [66M1-25]* 10" H x 3 5/16" W x 1 3/16" D	40066-M25
	Split M-Block: 50-pair [66M1-50]* 10" H x 3 5/16" W x 1 3/16" D	40066-M50
[B]	M-Block, female connector [66M1-50W]* 10" H x 3 5/16" W x 1 3/16" D	40066-0MW
[C]	M-Block, female and male connectors [66M1-50W2]* 10" H x 3 5/16" W x 1 3/16" D	40066-MW2
[D]	Connectorized Demarc Block [66M1-50R]* 10" H x 3 13/32" W x 2 3/4" D, female Amphenol™	40066-0MR
BRIDGING CLIPS		
[E]	Bridging Clips (SA-1) (50 per package)	40067-0BC
HINGED COVERS AND SNAP-ON COVERS		
	Snap-on Cover for M-Blocks: [66MC-4]* 9 15/16" H x 2 15/16" W x 5/16" D	40050-MCV
[F]	Hinged Cover for M-Blocks: grey [66MC4LH-G]* 10" H x 2 7/16" W x 3/4" D	40050-MHG
[G]	Hinged Cover for Demarc Blocks: orange [66MC4LH-O]* 10" H x 2 7/16" W x 3/4" D	40050-MH0
BRACKET FOR M BLOCKS AND CONNECTOR MOUNTING		
[H]	M-Block Bracket for Connector Mounting: [89-D/QuickPort® Blocks]* 10" H x 3 13/32" W x 1 1/2" D	40089-00D
[I] MODULAR ADAPTERS		
	2-Position Modular Adapter [Tap-2]* - Converts two 66-clip contacts into 6P2C modular connector	40072-0T2
	4-Position Modular Adapter [Tap-4]* - Converts four contacts into 6P4C modular connector	40072-0T4
	6-Position Modular Adapter [Tap-6]* - Converts six contacts into 6P6C modular connector	40072-0T6
	8-Position Modular Adapter, T568B wiring [Tap-8]* - Converts eight contacts into 8P8C non-keyed modular connector	40072-0T8
WIRE DISTRIBUTION SPOOLS		
[J]	Wire Distribution Spool [20-A]* 1 3/4" Dia. x 3" H	40054-0DS
[K]	Wire Distribution Spool with screw [20-B]* 1 3/4" Dia. x 3" H	40054-DSS
SURFACE-MOUNT MINI PATCH PANELS		
[L]	25 6-position 2-Conductor [RJ-11]* FCC Spec Jacks, connected to a circuit board with one male 25-pair connector	41600-00I
[M]	25 6-position 2-Conductor [RJ-11]* FCC Spec Jacks, connected to a circuit board with two bridged 25-pair connectors	41620-00I
	Mounting Magnets (20 per package)	49200-00M

* = Numbers in brackets refer to industry product designation.

FEATURED PRODUCTS

Secure RJ System **A33**

e2XHD Trunks **A34**

Patch Cords & Pre-Terminated Trunks

Leviton copper patch cords and pre-terminated trunks are designed to ensure the highest levels of performance, reliability, and longevity whether supporting mission-critical, large-enterprise, or small-business applications. And Leviton makes it easy to configure custom solutions. With factory testing and no need for field terminations, you can reduce installation time by up to 75 percent.

ATLAS-X1™ CAT 6A SLIMLINE BOOT PATCH CORDS

- Provide exceptional alien crosstalk (AXT) suppression and EMI/RFI protection in Cat 6A channels
- Atlas-X1 Cat 6A cord can be used for UTP or shielded installations
- Cords feature narrow-profile boot for less congestion in high-density applications
- Independently tested and verified by Intertek (ETL) to meet ANSI/TIA-568-C.2 component requirements
- Strain-relief boot ensures long-term network performance
- Snagless design prevents tab breakage
- Ergonomic release tab allows for quick and easy connections and disconnects
- Outside diameter of .240 inches is easier to manage
- 26-gauge stranded conductor cable for maximum flexibility

EXTREME® CAT 6A STANDARD PATCH CORDS

- Strain-relief boot ensures long-term network performance
- Snagless design prevents tab breakage
- Independently tested and verified by Intertek (ETL) to meet ANSI/TIA-568-C.2 channel requirements
- Color-matched cords and boots
- Low-Smoke Zero-Halogen (LSZH) cords available
- eXtreme Cat 6A standard patch cords use the same cord for UTP or shielded installations

[A] ATLAS-X1 CAT 6A COMPONENT-RATED SLIMLINE BOOT PATCH CORD, CMR

DESCRIPTION	WHITE	YELLOW	RED	BLUE	GREEN	GREY	BLACK
3-Foot Patch Cord	6AS10-03W	6AS10-03Y	6AS10-03R	6AS10-03L	6AS10-03G	6AS10-03S	6AS10-03E
5-Foot Patch Cord	6AS10-05W	6AS10-05Y	6AS10-05R	6AS10-05L	6AS10-05G	6AS10-05S	6AS10-05E
7-Foot Patch Cord	6AS10-07W	6AS10-07Y	6AS10-07R	6AS10-07L	6AS10-07G	6AS10-07S	6AS10-07E
10-Foot Patch Cord	6AS10-10W	6AS10-10Y	6AS10-10R	6AS10-10L	6AS10-10G	6AS10-10S	6AS10-10E
15-Foot Patch Cord	6AS10-15W	6AS10-15Y	6AS10-15R	6AS10-15L	6AS10-15G	6AS10-15S	6AS10-15E
20-Foot Patch Cord	6AS10-20W	6AS10-20Y	6AS10-20R	6AS10-20L	6AS10-20G	6AS10-20S	6AS10-20E

CAT 6A UTP PATCH CORDS

DESCRIPTION		PART NO.
[B]	eXtreme Cat 6A Channel-Rated Standard Patch Cord, snagless boot, CM (PVC)	6210G-xx~
[C]	eXtreme Cat 6A Snagless Channel-Rated Patch Cord, LSZH	6AZ10-††°

xx = Length in feet
~ = Color: White (W), Red (R), Blue (L), Grey (S)
†† = Color: White (WH), Blue (BL), Grey (GY)
° = Length in meters
All Leviton Cat 6A patch cords are RoHS Compliant.

White Yellow Red Blue Green Grey Black

Additional custom lengths available, for assistance please visit Leviton.com/MTOCords or call Tech Support at 800.824.3005

Make to order!

CAT 6 SLIMLINE BOOT UTP & SHIELDED PATCH CORDS

- Independently tested and verified by Intertek (ETL) to meet ANSI/TIA-568-C.2 component requirements
- Narrow-profile boot reduces congestion in high-density applications
- Strain-relief boot ensures long-term network performance
- Snagless boot design prevents tab breakage
- Ergonomic release tab allows for quick and easy connections and disconnects
- Atlas-X1™ shielded patch cord provides exceptional EMI/RFI protection
- 24-gauge stranded conductor cable for maximum flexibility

CAT 6 STANDARD UTP & SHIELDED PATCH CORDS

- Standard and LSZH cords are independently tested and verified by Intertek (ETL) to meet ANSI/TIA-568-C.2 channel requirements
- Matching color cords and boots
- Strain-relief boot ensures long-term network performance

[A] EXTREME CAT 6 COMPONENT-RATED SLIMLINE BOOT PATCH CORD, CM (PVC)							
DESCRIPTION	WHITE	YELLOW	RED	BLUE	GREEN	GREY	BLACK
3-Foot Patch Cord	6D460-03W	6D460-03Y	6D460-03R	6D460-03L	6D460-03G	6D460-03S	6D460-03E
5-Foot Patch Cord	6D460-05W	6D460-05Y	6D460-05R	6D460-05L	6D460-05G	6D460-05S	6D460-05E
7-Foot Patch Cord	6D460-07W	6D460-07Y	6D460-07R	6D460-07L	6D460-07G	6D460-07S	6D460-07E
10-Foot Patch Cord	6D460-10W	6D460-10Y	6D460-10R	6D460-10L	6D460-10G	6D460-10S	6D460-10E
15-Foot Patch Cord	6D460-15W	6D460-15Y	6D460-15R	6D460-15L	6D460-15G	6D460-15S	6D460-15E
20-Foot Patch Cord	6D460-20W	6D460-20Y	6D460-20R	6D460-20L	6D460-20G	6D460-20S	6D460-20E
[B] EXTREME® CAT 6 CHANNEL-RATED STANDARD PATCH CORD, SNAGLESS BOOT, CM (PVC)							
3-Foot Patch Cord	62460-03W	62460-03Y	62460-03R	62460-03L	62460-03G	62460-03S	62460-03E
5-Foot Patch Cord	62460-05W	62460-05Y	62460-05R	62460-05L	62460-05G	62460-05S	62460-05E
7-Foot Patch Cord	62460-07W	62460-07Y	62460-07R	62460-07L	62460-07G	62460-07S	62460-07E
10-Foot Patch Cord	62460-10W	62460-10Y	62460-10R	62460-10L	62460-10G	62460-10S	62460-10E
15-Foot Patch Cord	62460-15W	62460-15Y	62460-15R	62460-15L	62460-15G	62460-15S	62460-15E
20-Foot Patch Cord	62460-20W	62460-20Y	62460-20R	62460-20L	62460-20G	62460-20S	62460-20E

CAT 6 UTP & SHIELDED PATCH CORDS		
	DESCRIPTION	PART NO.
	Atlas-X1 Cat 6 UTP Component-Rated SlimLine Boot Patch Cord, CM (PVC) (Country of Origin: USA)	6D560-xx*
[C]	Atlas-X1 Cat 6 Shielded SlimLine Boot Patch Cord, CM (PVC), grey	6S560-xxS
	eXtreme Cat 6 UTP Snagless Channel-Rated Patch Cord, LSZH	6Z460-††°

* = Color: White (W), Yellow (Y), Red (R), Blue (L), Green (G), Grey (S), Black (E)
†† = Color: White (WH), Blue (BL), Grey (GY)
xx = Length in feet
° = Length in meters
All Leviton Cat 6 patch cords are RoHS Compliant.

White Yellow Red Blue Green Grey Black

Additional custom lengths available, for assistance please visit Leviton.com/MTOCords or call Tech Support at 800.824.3005

Make to order!

EXTREME® HIGH-FLEX HD6 PATCH CORD 1G APPLICATION GRADE

- Ultra high-density design
- Maximizes capacity of cable management and pathways
- 28-gauge stranded for the ultimate flexibility
- Used in 1 Gigabit applications where Cat 6 patch cords are commonly utilized

CAT 5E SLIMLINE BOOT UTP PATCH CORDS

- Independently tested and verified by Intertek (ETL) to meet ANSI/TIA-568-C.2 component requirements
- Narrow-profile boot reduces congestion in high-density applications
- Strain-relief boot ensures long-term network performance
- Snagless boot design prevents tab breakage
- Ergonomic release tab allows for quick and easy connections and disconnects
- 24-gauge stranded conductor cable for maximum flexibility

CAT 5E STANDARD UTP & SHIELDED PATCH CORDS

- Standard and LSZH cords are independently tested and verified by Intertek (ETL) to meet ANSI/TIA-568-C.2 channel requirements
- Matching color cords and boots
- Strain-relief boot ensures long-term network performance
- Atlas-X1™ shielded patch cord provides exceptional EMI/RFI protection

[A] EXTREME HIGH-FLEX HD6 PATCH CORD, 1G APPLICATION GRADE

DESCRIPTION	WHITE	YELLOW	RED	BLUE	GREEN	GREY	BLACK
0.5-Foot Patch Cord	6H460-6IW	6H460-6IY	—	6H460-6IL	—	6H460-6IS	—
1-Foot Patch Cord	6H460-01W	6H460-01Y	6H460-01R	6H460-01L	6H460-01G	6H460-01S	6H460-01E
2-Foot Patch Cord	6H460-02W	6H460-02Y	—	6H460-02L	—	6H460-02S	—
3-Foot Patch Cord	6H460-03W	6H460-03Y	6H460-03R	6H460-03L	6H460-03G	6H460-03S	6H460-03E
4-Foot Patch Cord	6H460-04W	6H460-04Y	—	6H460-04L	—	6H460-04S	—
5-Foot Patch Cord	6H460-05W	6H460-05Y	6H460-05R	6H460-05L	6H460-05G	6H460-05S	6H460-05E
7-Foot Patch Cord	6H460-07W	6H460-07Y	6H460-07R	6H460-07L	6H460-07G	6H460-07S	6H460-07E
10-Foot Patch Cord	6H460-10W	6H460-10Y	6H460-10R	6H460-10L	6H460-10G	6H460-10S	6H460-10E
15-Foot Patch Cord	6H460-15W	6H460-15Y	6H460-15R	6H460-15L	6H460-15G	6H460-15S	6H460-15E
20-Foot Patch Cord	6H460-20W	6H460-20Y	6H460-20R	6H460-20L	6H460-20G	6H460-20S	6H460-20E

CAT 5E UTP & SHIELDED COMPONENT-RATED SLIMLINE BOOT PATCH CORDS

	DESCRIPTION	PART NO.
	Atlas-X1 Cat 5e UTP Component-Rated SlimLine Boot Patch Cord, CM (PVC) (Country of Origin: USA)	5D560-xx*
[B]	eXtreme Cat 5e UTP Component-Rated Slimline Boot Patch Cord, CM (PVC)	5D460-xx*
	GigaMax® Cat 5e UTP Channel-Rated Standard Patch Cord, CM (PVC)	5G460-xx*
[C]	Atlas-X1 Cat 5e Shielded Standard Patch Cord, CM (PVC), grey	5S460-xxS

xx = Length in feet
* = Color: White (W), Yellow (Y), Blue (L), Green (G), Grey (S)
All Leviton Cat 5e patch cords are RoHS Compliant.

White Yellow Red Blue Green Grey Black

Additional custom lengths available, for assistance please visit Leviton.com/MTOCords or call Tech Support at 800.824.3005

Make to order!

PATCH CORDS | Secure RJ System

A

B

C

SECURE RJ SYSTEM

- Compatible with industry-standard RJ ports in most network equipment, devices, patch panels, and work area outlets
- Same-color extraction tool disengages color-matched patch cords and port blockers
- Transparent housing allows color coding without blocking visibility to link/status LEDs on electronic equipment
- Port blocker prevents unauthorized network connection and protects open, unused ports
- Cat 6A and Cat 6 Secure RJ Patch Cord options available

SECURE RJ SYSTEM		
DESCRIPTION		PART NO.
[A]	Cat 6 SlimLine Boot Patch Cord, with Secure RJ housing on both ends (Country of Origin: USA)	SRJ6†-xx*
[B]	Secure RJ Port Blocker, pack of 12	SRJPB-00†
[C]	Secure RJ Extraction Tool, pack of 1	SRJET-00†

Patch cord jacket colors below:

White (W) Red (R) Blue (L)

Make to order! leviton.com/configurator

xx = Length: (05), (10), or (20) feet. Minimum orders and extended lead time may apply. Contact Inside Sales at 800.722.2082 for more details.
† = Patch cord housing, port blocker, and extraction tool colors: Choose from the transparent colors shown in (C) above.
* = Patch cord jacket colors: Choose from the colors at right.

Make-to-Order!	SECURE RJ PATCH CORD OPTIONS				
CATEGORY	CABLE RATING	CABLE COLOR	CABLE LENGTH	SECURE HOUSING COLOR	SECURE HOUSING PLACEMENT
Cat 6A FTP	CM (PVC)	White, Yellow, Red, Blue, Green, Grey, Black	3-72 feet	White, Yellow, Red, Blue, Green, Purple, Black, Orange	Both Ends or One End
Cat 6 UTP	CM (PVC)	White, Yellow, Red, Blue, Green, Grey, Black	1-72 feet	White, Yellow, Red, Blue, Green, Purple, Black, Orange	Both Ends or One End

All patch cords utilize stranded cable.

WATCH: TRAINING VIDEOS

Leviton.com/ns/videos
"Secure RJ Copper Systems"

For assistance customizing your patch cords, please visit Leviton.com/configurator or call Tech Support at 800.824.3005

UTP connector to plug

e2XHD copper cassettes are available either on pre-terminated trunks or as empty cassettes. See page A22 for field-terminated copper cassettes.

RECOMMENDED APPLICATIONS:

- Data Center Cabinets
- Telecommunications Racks
- Quick Network Deployment

PRE-TERMINATED COPPER TRUNKS

- Custom configured for length, connector type, and more
- Fast and easy installation with reduced labor costs
- 100% factory tested, with test results available
- Cat 6A trunks all use component-rated connectors, which provide guaranteed performance in short lengths
- Atlas-X1™ pre-terminated copper trunks provide the option of having connectors with shutters and/or icons
- Customized breakout length from braided sleeve improves installation flexibility and appearance
- Optional pulling eye protects connectors and eases installation
- Pre-terminated assemblies are eligible for limited lifetime product, system, and performance warranties
- Noise-Canceling Helix Technology (NcHT) cable available for Cat 6A assemblies to reduce bundle size and improve alien crosstalk (AXT) suppression

Make to order! leviton.com/configurator

Make-to-Order! PRE-TERMINATED COPPER TRUNK OPTIONS

CABLE TYPE	CABLE RATING	# OF CABLES	CABLE LENGTH	CABLE COLOR*	INDIVIDUAL CONNECTOR COLOR	TERMINATION OPTIONS
Cat 6A UTP	CMP, CMR, LSZH	6, 8	10-295 ft (3-90 m)	Blue	White, Light Almond, Ivory, Yellow, Orange, Crimson, Purple, Blue, Green, Grey, Black, Brown	Connector, Plug, Open
Cat 6A NcHT UTP	CMP, CMR, LSZH					
Cat 6A FTP	CMP, CMR	6		Grey	Black*	Connector, Open
Cat 6 UTP	CMP, CMR, LSZH	6, 8, 12	6-295 ft (2-90 m)	Blue	White, Light Almond, Ivory, Yellow, Orange, Crimson, Purple, Blue, Green, Grey, Black, Brown	Connector, Plug, Open
Cat 5e UTP	CMP, CMR					

Make-to-Order! e2XHD COPPER TRUNK ASSEMBLY OPTIONS

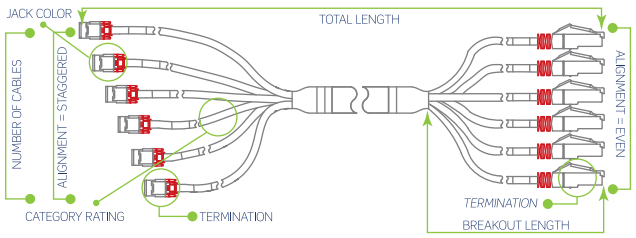
CABLE TYPE	CABLE RATING	# OF CABLES	CABLE LENGTH	CABLE COLOR*	INDIVIDUAL CONNECTOR COLOR & CASSETTE CONNECTOR COLOR	TERMINATION OPTIONS
Cat 6A UTP	CMP, CMR, LSZH	6	10-295 ft (3-90 m)	Blue	White, Light Almond, Ivory, Yellow, Orange, Crimson, Purple, Blue, Green, Grey, Black, Brown	Connector, Plug, Open, Cassette
Cat 6A NcHT^ UTP						
Cat 6 UTP			6-295 ft (2-90 m)			

* = Additional cable and shielded connector colors are available, but may require additional lead-time. Contact Inside Sales at 800.722.2082 for more details.
^ = Noise-Canceling Helix Technology
Available with Atlas-X1 or eXtreme® connectors.
All trunks utilize solid conductor cable.

For assistance customizing your trunks, please visit Leviton.com/configurator or call Tech Support at 800.824.3005

Breakout and Alignment Options

Choose from five different alignments, or contact Tech Support at 800.824.3005 to discuss options. e2XHD Copper Trunks will always have an even alignment on the cassette end(s). Different minimum breakout lengths apply.



	MINIMUM BREAKOUT LENGTHS	ALIGNMENT OPTIONS
Copper Trunks	• 12 cables = 24" minimum • 8 cables = 20" minimum • 6 cables = 18" minimum	• Even • Stagger cable 1 shortest • Stagger cable 1 longest • Stagger cable 1 & 2 shortest (plug) • Stagger cable 1 & 2 longest (plug)
e2XHD Copper Trunks	• Cat 6 = 6" minimum • Cat 6A = 24" minimum	• Even

Copper Tools & Labeling

FEATURED PRODUCTS

Palm Termination Tool **A36**

Wire-Punchdown Termination Tool **A36**

Leviton has everything you need to terminate and test our copper solutions. The ergonomic Palm Termination Tool, designed by and for installers, offers comfort-grip or rack-mounted positioning for termination, a sturdy connector holder, and a wire-supporting retainer. The Wire-Punchdown Termination Tool enables one-step punchdown of 110-style or 66 connecting block IDCs with a single push on the handle. Specialized termination tools, test equipment, crimping tools, and other accessories complete the collection.

A

B

C, D

E

F

G

PALM TERMINATION TOOL

- Overmolded ergonomic soft grip
- Easy-to-see wiring labels
- Connector holders provide stability for punchdown
- Incorporated retainer supports cable during termination
- Integrated holes allow rack-mounting of the Palm Tool for patch panel terminations
- Compatible with eXtreme® and GigaMax® Cat 6A/6/5e and AV connectors

MULTI-PAIR TERMINATION TOOL

- Designed for 110-style wiring blocks
- High-impact, spring-loaded handle for one-punch termination of multiple pairs
- "Blade-in" and "blade-out" options
- Includes 4-pair, Cat 6 head
- Cat 5e and 6 heads available individually

WIRE-PUNCHDOWN / TERMINATION TOOL

- Punches and trims each wire with just a single push of the handle
- Adjustable impact setting for minimal physical effort
- Spare blade storage in handle chamber
- Available in 110 IDC and 66 IDC
- Terminate 22-, 24-, or 26-gauge wire

CUTTING TOOLS

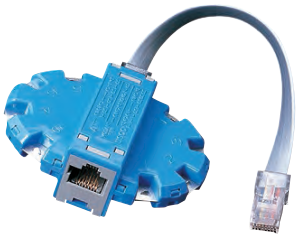
- Klein Tools® Electrician's Scissors are excellent for cutting and stripping copper cable as well as trimming center splines and rip cords
- Klein Tools Flush Cutter neatly trims individual cable wires flush to connector body to prevent shorts in metal housings (recommended for Atlas-X1™ connectors)

TERMINATION TOOLS & BLADES		
DESCRIPTION		PART NO.
[A]	Palm Termination Tool	47615-PTT
[B]	Wire-Punchdown/Termination Tool (blades sold separately)	49553-814
[C]	110 IDC Blade	49553-110
[D]	66 IDC Blade	49553-066
MULTI-PAIR TERMINATION TOOLS & ACCESSORIES		
[E]	Mass-Termination Multi-Pair Tool Handle with Cat 6, 4-pair head	49553-TTH
	Mass-Termination Replacement Head, Cat 6, 4 pair	49553-64H
	Mass-Termination Replacement Head, Cat 5e, 5 pair	49553-55H
CUTTING TOOLS		
[F]	Klein Tools Electrician's Scissors	49886-SIS
[G]	Klein Tools Flush Cutter (must be ordered in increments of 5)	49886-FCS

A

B

C


D

E

TONE TEST SET

- Low-voltage tester for continuity, shorts, and opens
- Talk battery for a communications line on a vacant pair
- Identifies tip and ring polarity, and line condition for clear line with dial tone, busy line, and ringing line
- Generates continuous or warble tone to trace pairs and locate broken pairs or cables in walls – use with Inductive Speaker Probe (below)

INDUCTIVE SPEAKER PROBE

- Detects audible frequency tones for accurate tracing and identification of wires, cables, and metallic circuits

MODULAR PLUG BREAKOUT ADAPTER

- For testing any six- or eight-position modular connectors
- Works with the Tone Test Set

COAXIAL CONNECTOR TOOLS

- Crimp coax onto RG-59 or RG-6 cables
- Rugged metal construction with cushioned handles

MASTER COMPRESSION TOOL

- Terminates all Leviton coaxial compression connectors, including RCA and F-connectors
- Radial-style crimp compresses uniformly around connector body

TONE TEST SET, INDUCTIVE SPEAKER PROBE & KITS		
	DESCRIPTION	PART NO.
[A]	Tone Test Set (includes 9-volt battery)	49560-TTS
[B]	Inductive Speaker Probe (includes 9-volt battery, one duckbill tip, and one needlepoint tip)	49561-SSP
[C]	Kit containing one Tone Test Set with Belt Holster, and one Inductive Speaker Probe with Belt Holster	49562-TSK
MODULAR PLUG BREAKOUT ADAPTER		
[D]	Modular Plug Breakout Adapter	40070-MDP
COAXIAL CONNECTOR TOOLS		
	Crimping Tool for Coaxial Connectors	40988-000
[E]	Master Compression Tool	40989-CPT

A

B

C

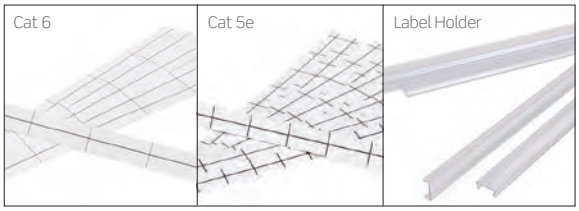
D

E

F

WORK-AREA LABELING SOLUTIONS		
DESCRIPTION		PART NO.
[A]	QuickPort® Shutter Kit (50 shutters)	51084-ICN
	White Label Kit	51084-XLB
[B]	Color Label Kit includes grey, orange, red, yellow, green, blue, purple, and brown (2 sheets of each color)	51084-CLB
[C]	Labels and Windows for Housings & Wallplates on page D6	41080-IDW
	Labels and Windows for Stainless-Steel and Angled Wallplates on pages D7 and D8	43080-IDW
	Pre-printed Port Labels, black ink, 10 sheets per package	41080-LEB
PATCH PANEL LABELING SOLUTIONS		
[D]	Adhesive Holder and Labels Kit for QuickPort Panels (supports 24 ports)	49257-QHD
[E]	Adhesive Holder and Labels Kit for 110-Style Panels (supports 24 ports)	49257-I24
[F]	Designation Kit Replacement for 110-Style Panels (supports 24 ports)	69585-IDL

110-STYLE LABELING SOLUTIONS	
DESCRIPTION	PART NO.
Cat 6 Label Kit, 6 label strips per kit	41LBL-60W
Cat 5e Label Kit, 6 label strips per kit	41LBL-00W
Label Holder, 6 holders per kit	41100-HLD



SPOTLIGHT Leviton Palm Termination Tool

Use the Leviton Palm Termination Tool (page A36) to quickly and easily punchdown connectors at the job site. The Palm Tool was designed with contractor input and offers an ergonomic comfort grip, increased connector stability, and integrated holes that allow rack mounting for QuickPort panel terminations. The Palm Tool is compatible with eXtreme® and GigaMax® Cat 6A/6/5e and QuickPort AV connectors.

FIBER SOLUTIONS

SECTION B CONTENTS

INTRODUCTION	**B3**	Systems Overview
	B7	Pre-Terminated Solutions
	B8	Opt-X® Unity 40/100G
OPT-X FAMILY	**B10**	Introduction
UHDX SYSTEM	**B13**	Enclosures, Angled Panel & Accessories
	B14	HDX Adapter Plates & Cassettes
HDX SYSTEM	**B16**	Enclosures, Trays & Accessories
HDX FRAME SYSTEM	**B18**	Introduction
	B19	Frame, Patch & Splice Decks
SDX SYSTEMS	**B22**	2000i
	B23	1000i
	B24	500i
	B25	1000
	B26	VertiGO®
	B27	Adapter Plates
	B29	MTP® Premium Cassettes
	B30	MTP Opt-X Unity Cassettes
	B31	Splice Trays & Splice Modules
	B32	Accessories
e2XHD SNAP-IN CASSETTE PATCHING SYSTEM	**B34**	Introduction
	B35	Panels, Cable Managers, Covers & Tools
	B36	Cassettes
LIGHTSPACE® SYSTEM	**B38**	Rack Mount
	B39	Wall Mount
	B41	Adapter Plates
	B43	Splice Trays & Holders
	B44	Splice Sleeves & Enclosure Accessories
FLUSH-MOUNT ENCLOSURES & PANELS	**B46**	Enclosures & Panels
EQUIPMENT-SPECIFIC SOLUTIONS	**B48**	Vertical Patching Brackets & Blade Replicators
	B49	Replicator® Enclosures
	B50	100/40G to 10G Conversion
PRE-TERMINATED CABLE ASSEMBLIES	**B52**	Make-to-Order Overview
	B53	Trunk Cables > Opt-X Unity 40/100G MTP
	B55	Trunk Cables > Standard
	B56	Trunk Cables > Secure Keyed LC
	B57	MTP Harnesses > Opt-X Unity 40/100G
	B58	Harnesses > Standard
	B59	Harnesses > Secure Keyed LC
	B60	Array Cords > Opt-X Unity 40/100G
	B61	Patch Cords & Pigtails > Premium
	B62	Patch Cords & Pigtails > Economy
	B64	Patch Cords & Pigtails > Secure Patch Cords
CONNECTORS & HOUSINGS	**B66**	Connectors > FastCAM®
	B67	Connectors > Fast-Cure®
	B68	Connectors > Secure Keyed LC
	B69	Fiber Optic Fan-Out Kits
	B70	QuickPort® Adapters
TOOLS & CONSUMABLES	**B72**	Featured Products
	B73	Fiber Optic Tool Kits
	B75	Fiber Optic Tools
	B76	Consumable Products & Kits

FIBER SYSTEMS

Whether your installation is small or large, simple or complex, you can rely on Leviton for a network patching platform that meets your requirements. From cloud data center to remote telecom room, from service provider to enterprise office building, Leviton solutions are versatile enough to meet specific customer demands, ensuring migration options for future bandwidth growth and strong return on infrastructure investment.

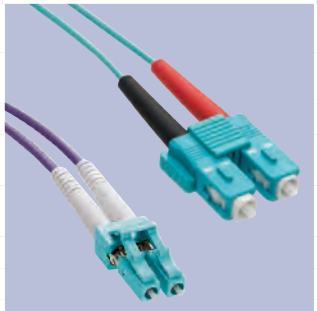
System Features:
LC fibers per RU
MTP fibers (12F) per RU
MTP fibers (24F) per RU
High- and ultra-high density to save rack space
Individual sliding trays minimize impact on surrounding fibers
Trays lock into place when open, simplifying network maintenance
Enclosure-based solutions for network security and protection
Precision-molded adapter plates for durable network connections
10/40/100G Unity migration to ease tech upgrades
OM4+ fiber type for extended-reach fiber networks
OM1 / OM2 / OM3 / OM4 / OS2 fiber types for backward compatibility
Limited lifetime warranty
Panel-based solutions for easy network accessibility
Field splicing capability for flexibility and MACs

Opt-X			e2XHD	LightSpace
HDX Mission Critical		SDX Enterprise	Mission Critical	Service Provider
Ultra high density to help meet increasing network demands in data centers.	High density to expand capabilities with large enterprise applications.	Versatile solutions in multiple sizes and styles for small data centers and enterprise applications.	High-density snap-in cassettes allow a mix of fiber or copper patching for large enterprise applications.	Built on the LGX® platform for central office and government networks.
144	96	72	96	72
864	576	288	384	288
1,728	1,152	576	768	576
✓				
✓				
✓				
✓	✓	✓		✓
✓	✓	✓		
✓	✓	✓	✓	
✓	✓	✓	✓	
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✓		✓	✓	
		✓		✓

	APPLICATIONS	ADAPTER PLATES	ENCLOSURES
	Data center infrastructure High-bandwidth enterprise, building automation and security High-performance computer clusters VCSEL-based propagation	 HDX Cassettes & Adapter Plates — Page B14	 UHDX — Page B13 2000i HDX — Page B16 1000i HDX — Page B16
	Building backbones and zone cabling Legacy cabling (62.5/125 µm fiber/OM1) Low-bandwidth enterprise, building automation and security Enterprise networks	 e2XHD Cassette — Page B36 SDX Adapter Plates — Page B27	 e2XHD — Page B35 2000i SDX — Page B22 1000i SDX — Page B23
	Campus and building backbones Entrance facilities and equipment rooms Long distances	 SDX Adapter Plates — Page B27	 2000i SDX — Page B22 1000i SDX — Page B23 500i SDX — Page B24
	Service provider Carrier equipment Legacy government applications	 LightSpace® Adapter Plates — Page B41	 LightSpace DPC 700 — Page B38

CONNECTORS	CABLE ASSEMBLIES	FIBER TYPE & SPECIFICATION CHART

FastCAM® Field-Installable Connectors — Page B66

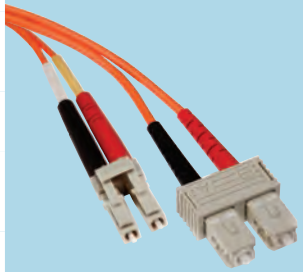


Premium Patch Cords & Pigtails — Page B61

SPECIFICATION	OM3		OM4		OM4+	
	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm
Max. Attenuation (dB/km)	3.0	1.0	3.0	1.0	3.0	1.0
Overfill Launch Min. Bandwidth (MHz•km)	1500h	500[2]	N/A	500[2]	N/A	5003
Effective Modal Bandwidth (EMB)(MHz•km)	2000[1]	N/A	4700[1]	N/A	4900	N/A
1G Transmission Distance (m)	1000	600	1040	600	1210	600
10G Transmission Distance (m)	300	300	550	300	600	3005
40/100G Transmission Distance (m)	100	N/A	150	N/A	300[3]	N/A

[1] The effective modal bandwidth is determined based on an overfill launch (OFL) per ANSI/TIA-455-204, except on LOMM fiber types.
[2] 10GbE transmission at 1,300 nm only applies to 10GBASE-LX4 (CWDM).
[3] Reach calculation is based on attenuation of </=3.0 dB/km at 850nm and 1.0 dB of connector loss.

Fast-Cure® Field-Installable Connectors — Page B67



Economy Patch Cords & Pigtails — Pages B62-B63

SPECIFICATION	OM1		OM2	
	850 nm	1300 nm	850 nm	1300 nm
Maximum Attenuation (dB/km)	3.5	1.0	3.0	1.0
Overfill Launch Minimum Bandwidth (MHz•km)	200	500	950	500
1G Transmission Distance (m)	300	600	750	600
10G Transmission Distance (m)	36	300	150	300

FastCAM Field-Installable Connectors — Page B66

Premium Patch Cords & Pigtails — Page B61

SPECIFICATION	OS1		OS2	
	1310 nm	1550 nm	1310 nm	1550 nm
Maximum Attenuation (dB/km)	0.5	0.4	0.4	0.3
1G Transmission Distance (m)	5,000	N/A	5,000	N/A
10G Transmission Distance (m)	10,000	N/A	10,000	N/A

Fast-Cure Field-Installable Connectors — Page B67

Economy Patch Cords & Pigtails — Pages B62-B63

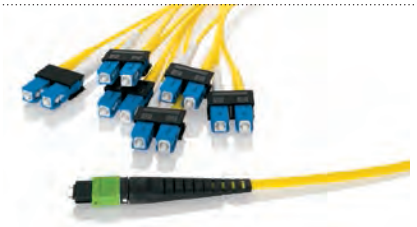
SPECIFICATION	OS1		OS2	
	1310 nm	1550 nm	1310 nm	1550 nm
Maximum Attenuation (dB/km)	0.5	0.4	0.4	0.3
1G Transmission Distance (m)	5,000	N/A	5,000	N/A
10G Transmission Distance (m)	10,000	N/A	10,000	N/A

PRE-TERMINATED SOLUTIONS

Leviton recommends using pre-terminated trunks and harnesses whenever possible. With 100 percent factory testing and no need for field terminations or splices, installation time is reduced by up to 70 percent. Plug-n-play pre-terminated MTP® cassettes feature a space-saving design with a notched back for a smaller footprint and excellent radius control. All Leviton pre-terminated solutions are made to your specifications: fiber and cable type, fiber count, connector type, breakout leg types, length, and more. See more information on page B51.

TRUNK CABLES (see pages B53-B56)

- MTP to MTP, including 12- and 24-fiber MTP connectors
- Discrete to discrete (LC, SC, ST, and MU)*
- MTP to discrete*
- Single-mode, multimode, and laser-optimized multimode types available
- Secure Keyed LC trunks lock into any industry-compliant adapter or interface



HARNESSES (see pages B57-B59)

- MTP to MTP connectors
- MTP to discrete connectors (LC, SC, ST, and MU)*
- Single-mode, multimode, and laser-optimized multimode types available
- Secure Keyed LC harnesses lock into any industry-compliant adapter or interface

MTP CASSETTES

- Available in HDX, SDX, and e2XHD form factors
- 12- or 24-fiber MTP connectors on the back
- MTP connectors or discrete connectors on the front, including LC, SC, and MU*
- Single-mode, multimode, and laser-optimized multimode types available

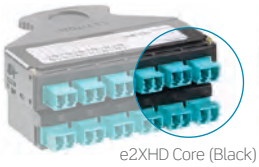
* = LC/APC and SC/APC available for OS2.

PRE-TERMINATED FIBER CABLING PERFORMANCE

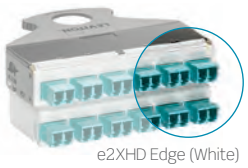
CONNECTOR MATED PAIRS	MULTIMODE					SINGLE-MODE		
	DUPLEX TYPICAL IL	DUPLEX MAX IL	12-FIBER STANDARD TYPICAL IL	12-FIBER STANDARD MAX IL	12- & 24-FIBER PREMIUM MAX IL	STANDARD TYPICAL IL	STANDARD MAX IL	12- & 24-FIBER PREMIUM MAX IL
LC	0.15	0.25	—	—	—	0.25	0.35	—
SC	0.20	0.25	—	—	—	0.25	0.35	—
MU	0.15	0.25	—	—	—	0.25	0.35	—
MTP	—	—	0.35	0.50	0.35	—	0.75	0.35

MTP CASSETTES & HARNESSES	MULTIMODE		SINGLE-MODE	
	12-FIBER PREMIUM MAX IL	24-FIBER PREMIUM MAX IL	12-FIBER STANDARD MAX IL	24-FIBER PREMIUM MAX IL
LC	0.50	0.50	1.00	0.50
SC	0.50	—	1.00	0.60
MU	0.50	—	1.00	0.60

SPOTLIGHT Core & Edge Cassettes



e2XHD Core (Black)



e2XHD Edge (White)

HDX Core (Black)

HDX Edge (White)

SDX Core (Black)

SDX Edge (White)

In order to achieve proper polarity when using Method B with two cassette configurations, core and edge cassettes must be used in pairs. This will simplify the design requirements for trunks and patch cords. For consistency, core cassettes are typically placed at the main connection point, at or close to the main switching equipment. Edge cassettes are placed at the end connection point, near access layer equipment. For easy identification, core cassette casing and pins are black, while edge cassette casing and pins are white.

Channel tested by Intertek (ETL)

PREPARE FOR 40/100G WITH THE OPT-X UNITY MULTIMODE SYSTEM

Leviton pre-terminated Opt-X Unity 40/100G laser-optimized multimode (LOMM) systems offer an ideal migration path to 40/100G speeds. They also meet IEEE 802.3ba and 802.3bm standards, which respond to the needs of data centers and enterprise networks that require speeds beyond 10. The Opt-X Unity system features pre-terminated trunks, harnesses, array cords, and MTP® cassettes to help you future-proof your networks. See pages B53-B54, B57, and B60 for detailed product information.

- System of trunks, harnesses, and cassettes is 40/100G ready
- Industry-leading 24-fiber MTP system
- System uses best-in-class MTP premium multi-fiber connectors
- Available in laser-optimized multimode (OM3/OM4/OM4+)
- Third-party verification of 40/100G channel performance

40/100G MULTIMODE CHANNEL REQUIREMENTS (IEEE802.3BA AND IEEE802.3BM)

APPLICATION	IEEE STANDARD	OM3		OM4	
		Max Channel IL	Reach	Max Channel IL	Reach
40G-SR4	802.3ba	1.9	100 m	1.5	150 m
100G-SR10	802.3ba	1.9	100 m	1.5	150 m
100G-SR4	802.3bm	1.8	70 m	1.9	100 m

Contact dcteam@leviton.com for help designing your 10/40/100G migration plan.

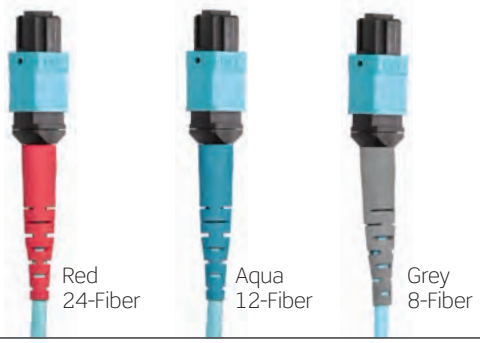
OPT-X UNITY 40/100G SYSTEM

- 24-fiber MTP trunks
- 24-fiber MTP harnesses
- 24-fiber MTP array patch cords
- 24-fiber MTP cassettes
- 100G migration is available in HDX, SDX, and e2XHD footprints

MIGRATION SOLUTIONS TO OPT-X UNITY 40/100G SYSTEM FROM EXISTING 10G NETWORKS

- Premium 12-fiber MTP trunks
- Premium 12-fiber MTP harnesses
- 24-fiber and premium 12-fiber array patch cords
- Premium 12-fiber MTP cassettes

COLOR-CODED BOOTS ON MTP



FEATURED PRODUCTS

UHDX System **B13**

HDX Adapter Plates & Cassettes **B14**

Opt-X Family of Fiber Optic Systems

Opt-X® systems provide the high performing, flexible, and reliable solutions needed for today's mission-critical and enterprise environments while supporting the capability for future technology upgrades and network migrations. The Opt-X family of products offers options and designs for high-end and economical applications, with customizable solutions that meet specific network requirements.

HDX PLATFORM

High- and ultra-high-density systems that support cloud data center and large enterprise networks with network manageability and a reduced cabling network footprint

UHDX Enclosures

UHDX Panel

2000i HDX Enclosures

1000i HDX Enclosures

HDX Retrofit Trays

HDX Frame

SDX PLATFORM

Versatile fiber optic patching solutions, available in multiple sizes and styles, designed to support enterprise and small data center applications.

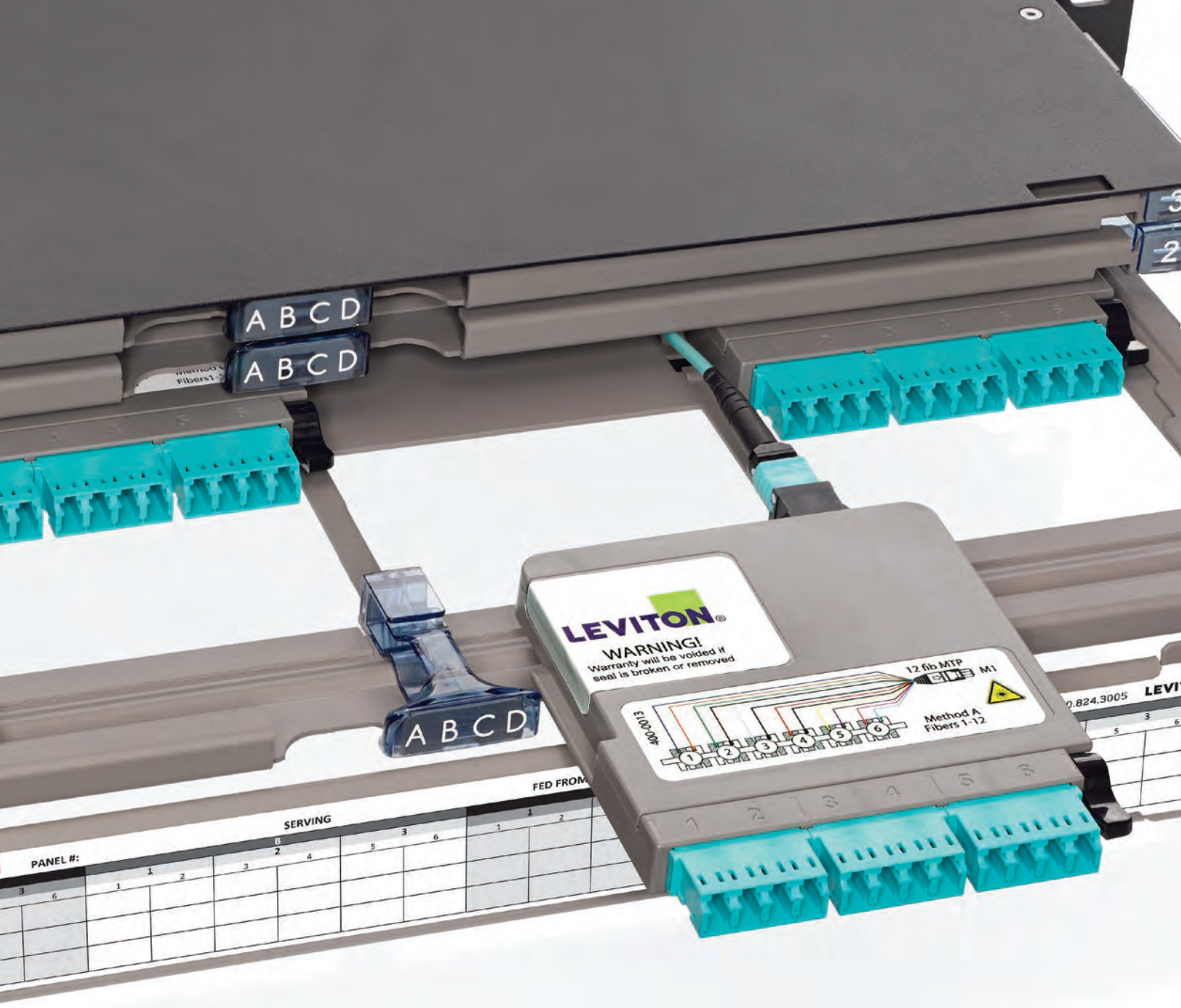
2000i SDX Enclosures

1000i SDX Enclosures

1000 SDX
Wall-Mount Enclosures

500i SDX Enclosures

500i SDX Panels



UHDX System

144 LC Fibers Per RU

Data centers and telecommunications rooms are rapidly outgrowing their footprints as they attempt to meet increasing network demands. Leviton UHDX enclosures offer optimum patching capacity in areas where space is at a premium. Using HDX Adapter Plates and Cassettes, the enclosures allow up to 144 fibers with LC connectors, or 1,728 fibers with 24-fiber MTP® connectors — the highest density per rack unit available.

FEATURED PRODUCTS

UHDX System **B13**

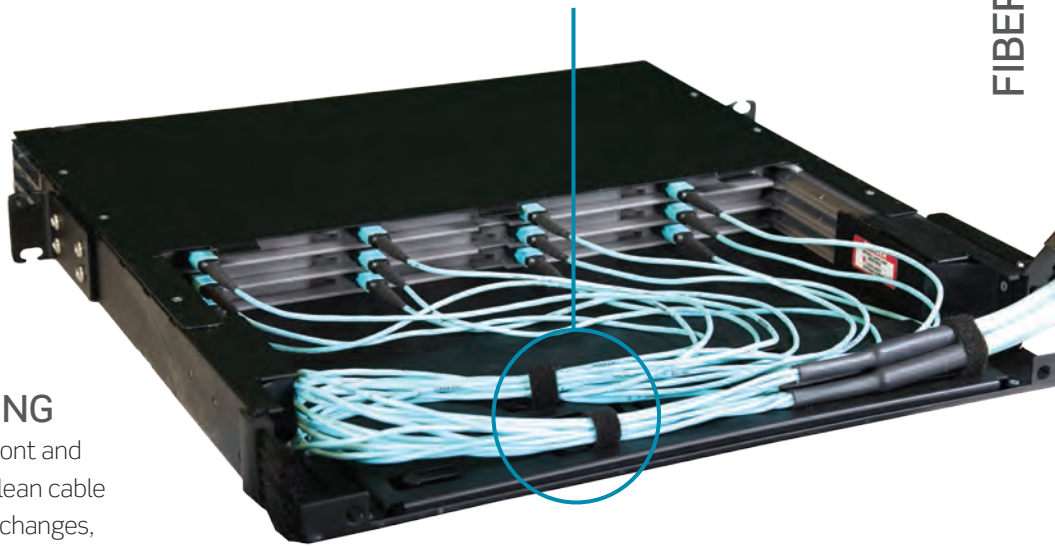
HDX Adapter Plates & Cassettes **B14**

A PART OF THE **OPT-X® FAMILY**

UHDX fiber enclosures, adapter plates, MTP® cassettes, and cable assemblies offer flexible connections and storage options. Featuring compact HDX cassettes and adapter plates, this innovative system creates a scalable platform for comprehensive enterprise and data center applications.

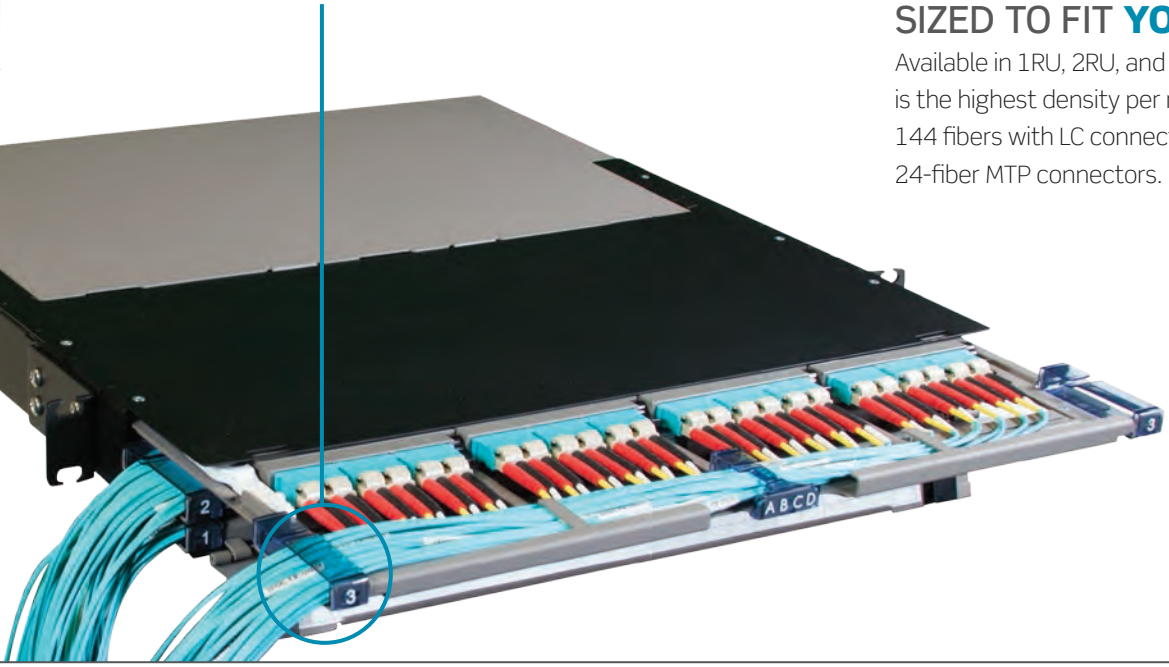
EASY **TRUNK ROUTING**

Removable back door, brush guards, cable tie downs, and cable clamp options make trunk routing easier in the most dense applications. And the removable rear cover makes all of the details accessible.



CLEAN CABLE ROUTING

Highly visible tray locators in the front and rear of the enclosure, along with clean cable management, make moves, adds, changes, and updates more manageable. A hinged front door protects patch cords and provides an easy means to maintain port ID labels.



SIZED TO FIT **YOUR NEED**

Available in 1RU, 2RU, and 4RU, the UHDX system is the highest density per rack unit available: up to 144 fibers with LC connectors or 1,728 fibers with 24-fiber MTP connectors.

A, B

C

D

E, F

G

UHDX RACK-MOUNT ENCLOSURES

- Accept Leviton HDX Adapter Plates and Cassettes
- Up to 144 fibers with LC connectors or 1,728 fibers with 24-fiber MTP® connectors
- Individual sliding trays allow easy access to fiber connectors in dense applications while minimizing the impact to surrounding fibers
- 20-inch depth for high-density, pre-terminated solution
- Hinged front door provides easy means to install, remove, and update port ID labels
- Highly visible port locators in the front and rear of the enclosure help easily identify specific ports
- Hinged or removable rear doors improve accessibility to rear cable routing

Make to order! leviton.com/configurator

RECOMMENDED APPLICATIONS:

- Data Centers
- Entrance Facility
- 19" and 23" Racks and Cabinets

UHDX 1RU ANGLED PANEL

- Eliminates the need for patch cord cable managers
- Open access to patch cords and trunks
- One-hand installation and removal of HDX cassettes or adapter plates
- Up to 144 fibers with LC connectors or 1,728 fibers with 24-fiber MTP® connectors

ACCESSORIES

- Cable clamp kits minimize excessive pulling, bending, and crushing
- Clamp Kits support easy cable identification and decrease the need for tie-wraps
- Optional brush guards minimize dust buildup in rear of enclosure
- Accessory kit consists of VELCRO® cable ties, mounting ear screws, and port ID card label
- Rear cable manager (sold separately) supports fiber cables and snaps directly into panel without tools

UHDX RACK-MOUNT ENCLOSURES & PANEL						
DESCRIPTION		MAXIMUM CAPACITY				PART NO.
		FIBERS (USING LC)	FIBERS (USING 24F MTP)	ADAPTER PLATES	OR MTP CASSETTES	
[A]	1RU UHDX Enclosure, empty	144	1,728	12	12	5R1UD-S12
[B]	2RU UHDX Enclosure, empty	288	3,456	24	24	5R2UD-S24
[C]	4RU UHDX Enclosure, empty	576	6,912	48	48	5R4UD-S48
[D]	1RU UHDX Angled Panel, empty	144	1,728	12	12	HDX1A-144

ACCESSORIES		
DESCRIPTION		PART NO.
	Universal Clamp Kit, Single Cable Grommet (mounts to enclosure or rear cable manager)	5RCMP-KIT
	Universal Clamp Kit, Multiple Cable Grommet (mounts to enclosure or rear cable manager)	5RCMP-KT2
	Universal Clamp Kit, Single and Multiple Cable Grommet (for rack mounting)	5RCMR-KIT
[E]	1RU Brush Guard, bag of 2	5RBSH-1UN
[F]	2RU Brush Guard, bag of 2	5RBSH-2UN
	23" Rack-Mount Ears, bag of 2	5REAR-023
[G]	Rear Cable Manager for Angled Panel, with cable management rings (four ¼" rings)	E2XHD-CMB

A

B

1x12 MTP® to 12-Fiber LC Cassette (OM3)

1x24 MTP to 3x8 MTP Cassette

2x24 MTP to 6x8 MTP Cassette

1x12 MTP to 12-Fiber LC Cassette (OM4+)

HDX ADAPTER PLATES

- Connect to field-terminated backbone cabling or pre-terminated trunks
- Easy, one-hand installation and removal
- Offered in OM1/OM2, OM3/OM4, OM4+, and OS2 fiber types
- LC, SC, and MTP styles in 6, 12, or up to 72/144 fiber configurations are available
- Visible sequential numbering to identify ports (for Tx and Rx)

HDX Adapter Plates & Cassettes work with HDX Frame Patch Decks, UHDX, and HDX Enclosures.

OPT-X® UNITY 40/100G HDX MTP CASSETTES

- Easy to migrate from 10G to 40/100G when used with Opt-X Unity trunks, harnesses, and patch cords
- 12- or 24-fiber MTP configurations
- Select from LC or MTP connectors for 10G, 40G, or 100G applications
- Configure up to 48 fibers for 24 channels (10G) and 6 channels (40G)
- Pre-terminated fiber eliminates the need for complicated field terminations and splices
- A variety of fiber types are available, including single-mode, multimode, and laser-optimized multimode
- Easy, one-hand installation and removal

Make to order! leviton.com/configurator

HDX ADAPTER PLATES

	DESCRIPTION	PART NO.
	12-Fiber HDX Adapter Plate, OM1 & OM2, Quad LC (beige), phosphor bronze sleeve	5FUHD-2IL
[A]	12-Fiber HDX Adapter Plate, OM3 & OM4, Quad LC (aqua), zirconia ceramic sleeve	5FUHD-2QL
	12-Fiber HDX Adapter Plate, OM4+, Quad LC (violet), zirconia ceramic sleeve*	5FUHD-2PL
	12-Fiber HDX Adapter Plate, OS2, Quad LC (blue), zirconia ceramic sleeve	5FUHD-2LL
	12-Fiber HDX Adapter Plate, OS2, Quad LC/APC (green), zirconia ceramic sleeve*	5FUHD-2VL
	6-Fiber HDX Adapter Plate, OM1 & OM2, Duplex SC (beige), phosphor bronze sleeve	5FUHD-6IC
	6-Fiber HDX Adapter Plate, OM3 & OM4, Duplex SC (aqua), zirconia ceramic sleeve	5FUHD-6QC
	6-Fiber HDX Adapter Plate, OS2, Duplex SC (blue), zirconia ceramic sleeve	5FUHD-6LC
	6-Fiber HDX Adapter Plate, OS2, Duplex SC/APC (green), zirconia ceramic sleeve*	5FUHD-6VC
	HDX Adapter Plate, 3 Duplex MTP Adapters (black), key up/key up	5FUHD-6MB
[B]	HDX Adapter Plate, 3 Duplex MTP Adapters (black), key up/key down	5FUHD-6MP
	HDX Adapter Plate, blank (black)	5FUHD-BLK

*** = Minimum order quantity and lead times may apply.**

Make-to-Order! HDX CASSETTE OPTIONS

FIBER TYPE	FIBER COUNT	CONNECTOR TYPE (FRONT)	MTP TYPE (REAR)	POLARITY
• OM2 • OM3 • OM4 • OM4+ • OS2	• 12 • 24 • 48	• LC • LC (Violet) • 8-fiber MTP (Female)	• 12-fiber MTP (Male) • 24-fiber MTP (Male)	• Method A • Method B, Core • Method B, Edge • Method C

For MTP Method B polarity, you must order one each of the core and edge cassettes.

For assistance customizing your cassettes, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

HDX System

96 LC FIBERS PER RU

The Leviton HDX System, part of the Opt-X® family of fiber optic solutions, features compact, HDX Adapter Plates and Cassettes with LC or MTP® connectors that fit into high-density enclosures to create a scalable platform for enterprise and data center applications. This allows you to maintain low costs while benefiting from higher density: 33 percent more density with LC connectors or 50 percent with MTP, compared to standard enclosures.

FEATURED PRODUCTS

Enclosures & Trays **B16**

A

B

C

D

HDX RACK-MOUNT ENCLOSURES

- Enclosures accept HDX Adapter Plates and Cassettes
- 2000i HDX Enclosures offer a stylish design with transparent doors
- 1000i HDX Enclosures provide a simplified look, with 16-gauge steel, powder-coated black
- 1RU enclosures hold up to 96 fibers (using LC) and 2RU enclosures up to 192 fibers using HDX adapter plates or MTP cassettes
- Sliding tray removes completely from enclosure for field terminations
- HDX Retrofit Trays available to upgrade 1RU/2RU 2000i SDX and 1000i SDX enclosures to accept HDX cassettes and adapter plates

Make to order! leviton.com/configurator

RECOMMENDED APPLICATIONS:

- Data Centers
- Equipment Room
- Entrance Facility
- Telecommunications Room
- 19" and 23" Racks and Cabinets

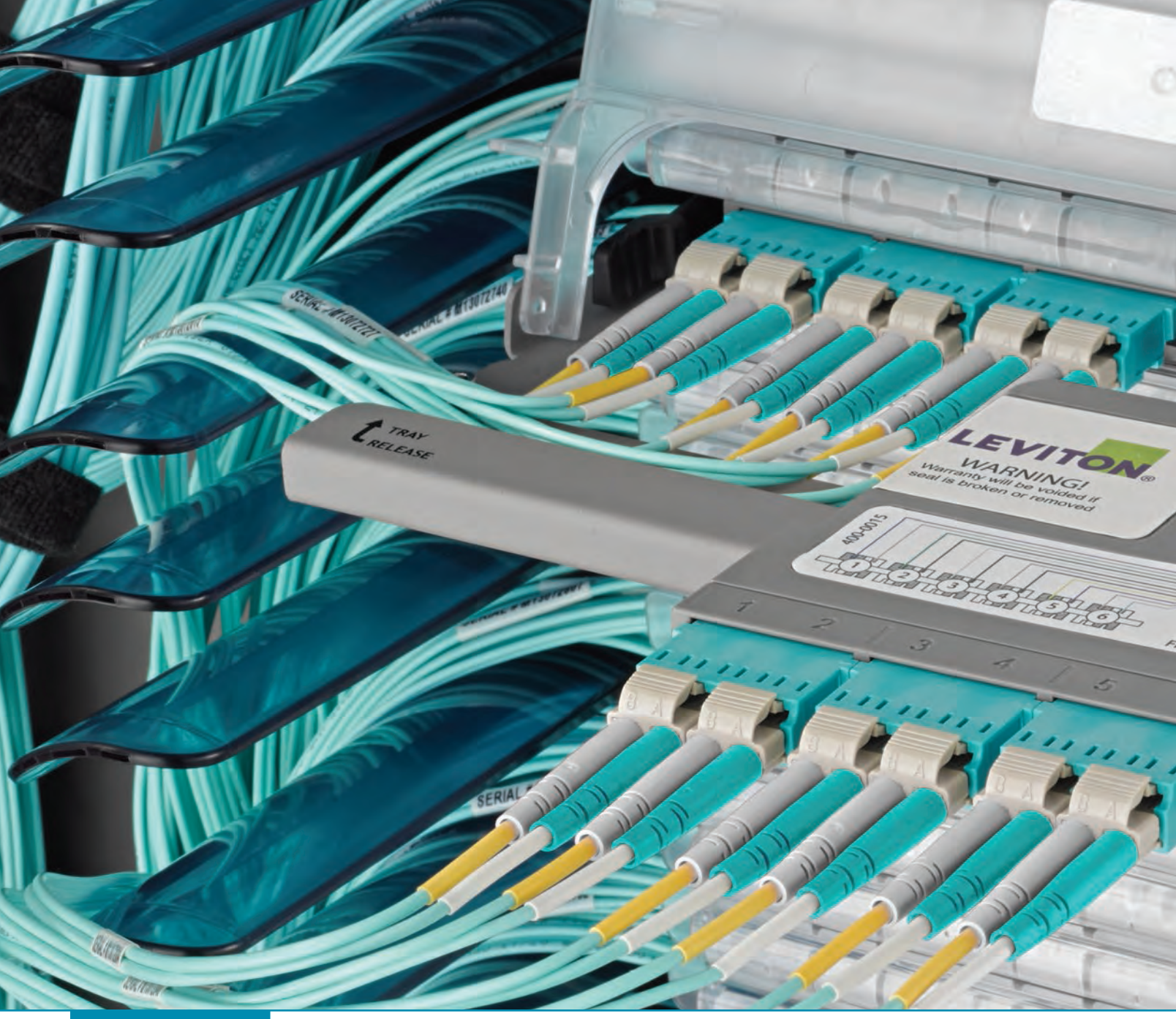
CLAMP KITS

- Cable clamp kits minimize excessive pulling, bending, and crushing
- Support easy cable identification and decreases the need for tie-wraps inside the enclosure
- Create a transition point from jacketed cable to buffered fiber or subunits
- Ideal for vertical strain relief and strain relief at the top or bottom of a rack/cabinet

See page B14 for HDX Adapter Plates & Cassettes.

HDX RACK-MOUNT ENCLOSURES						
	DESCRIPTION	MAXIMUM CAPACITY				PART NO.
		FIBERS (USING LC)	ADAPTER PLATES	OR	MTP CASSETTES	
[A]	1RU 2000i HDX Enclosure, empty, with tray	96	8		8	5R1UH-S08
	2RU 2000i HDX Enclosure, empty, with sliding tray	192	16		16	5R2UH-S16
	1RU 1000i HDX Enclosure, empty, with sliding tray	96	8		8	5R1UM-S08
[B]	2RU 1000i HDX Enclosure, empty, with sliding tray	192	16		16	5R2UM-S16
[C]	1RU HDX Retrofit Tray (for use with 2000i SDX or 1000i SDX Enclosures)	—	—		—	5R1UR-TRY
	2RU HDX Retrofit Tray (for use with 2000i SDX or 1000i SDX Enclosures)	—	—		—	5R2UR-TRY
[D]	HDX Adapter Plates and Cassettes					See page B14.

ACCESSORIES	
DESCRIPTION	PART NO.
Universal Clamp Kit, single-cable grommet (for enclosure mounting)	5RCMP-KIT
Universal Clamp Kit, multiple-cable grommet (for enclosure mounting)	5RCMP-KT2
Universal Clamp Kit, single- and multiple-cable grommet (for rack mounting)	5RCMR-KIT

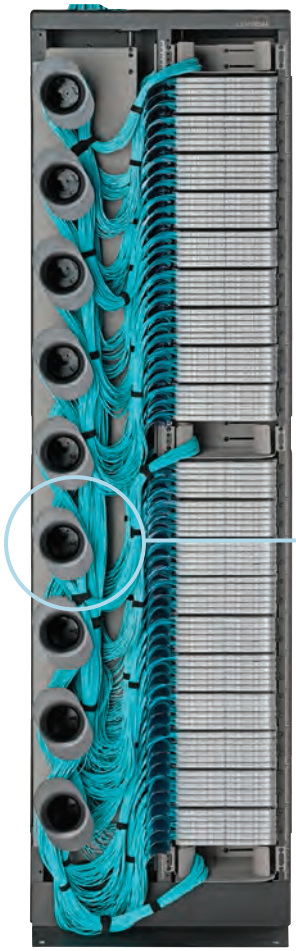


HDX Frame System

FEATURED PRODUCTS

Frame, Patch & Splice Decks **B19**

The Leviton high-density HDX Frame System, part of the Opt-X® family of fiber optic solutions, can handle up to 3,168 LC terminated fibers in just one 2 x 2-foot tile of floor space. Ideal for service providers, central office facilities, large enterprise, and cloud data centers, the HDX Frame System will reduce your patching footprint, free up valuable space, and save you money. Integrated trunk cable and patch cord management improves accessibility and enables easy moves, adds, and changes. In addition, the system is fully scalable and modular, supporting consolidation and growth.



INDUSTRY-LEADING DENSITY

HDX FRAME CAPACITY CHART	
CONNECTIVITY	MAX. FIBER STRANDS
LC	3,168
SC	1,584
12-Fiber MTP®	7,776
24-Fiber MTP	15,552

Chart based on use of 48-fiber trunks

The HDX frame system accomplishes such high density through its unique patch deck design. One frame holds up to 22 patch decks, each configured with your choice of fiber cassettes, adapter plates, or splice trays.

BUILT-IN CABLE MANAGEMENT & ROUTING

The frame keeps pathways clean and organized, using integrated cable management for minimum bend radius, better slack storage, and protection within the frame. Patch decks contain patch cord and MTP trunk routing for individual trays. And enhanced labeling improves deck and fiber identification to simplify moves, adds, or changes.

SUPERIOR SCALABILITY

HDX frames can be ganged together to handle future growth with easy pass-through cross-frame routing kits. And with 24-fiber MTP connectivity, they are ideal for migration from 10G to 40G to 100G and beyond.

ADDITIONAL SECURITY

The HDX frame includes rear doors that lock to protect and conceal trunk cabling. Locking front doors (sold separately) are transparent to allow visibility.

EASY ACCESSIBILITY

The frame's open design greatly reduces time and labor for maintenance, as it allows unobstructed access to patch cord connections on the cassettes and adapter plates. And the one-tile footprint makes it easier to access the space beneath a raised floor.

A

B

C

E

D

F

HDX FIBER OPTIC DISTRIBUTION FRAME (3,168 CAPACITY)

- Integrated cable management and routing solutions for minimum bend radius, better slack storage, and protection
- Holds up to 22 decks, each configured with cassettes, adapter plates, or splice trays
- Lockable rear doors included to protect and conceal trunk cabling
- Optional front door kit (sold separately) with transparent door is lockable for additional security
- Occupies only one 2 x 2-foot tile
- Seismic rated to GR-63-CORE, Zone 4, UL 2046 Listed

PATCH DECK

- 2RU height for up to 144 fibers (using LC) capacity
- Holds 6 independent sliding trays and accepts up to 12 HDX adapter plates or cassettes
- Magnifying port identification label holders for better visibility
- Integrated minimum bend radius protection

See page B14 for HDX Cassettes and Adapter Plates.

SPLICE DECK

- Modular 3.5-inch-high deck accepts up to three independent splice deck trays
- Sliding trays are removable for ease of splicing
- Heat-shrink fusion splicing of individual 250 µm or 900 µm tight-buffer fibers for up to 144 fibers per deck
- Mass ribbon fusion splicing available as custom order

24-FIBER HIGH-DENSITY SPLICE TRAY

- Use with HDX Frame Splice Decks, 2 trays per splice deck tray
- Protect and manage heat-shrink spliced fibers
- Heat-shrink splice sleeves included

HDX FIBER OPTIC FRAME SYSTEM

	DESCRIPTION	PART NO.
[A]	HDX Fiber Optic Distribution Frame, 7' H x 2' W x 2' D	F3168-22F
[B]	2RU Patch Deck, empty (includes front/rear cable management and cable clamp kit)	F3168-DCK
[C]	2RU Splice Deck, empty (includes VELCRO®-brand ties, front/rear cable management, and cable clamp kit)	F3168-SPD
[D]	Cross-Frame Routing Kit	F3168-CFR
[E]	Front Door Kit	F3168-FDR
	Cable Clamp Kit, single-cable grommet	F3168-CCK
	2RU Blank Panel	F3168-BLK

24-FIBER SPLICE TRAY

[F]	24-fiber Heat-Shrink Style Molded Splice Tray (includes 60 mm splice sleeves)	T5PLS-24F

Make-to-Order! HDX FRAME OPTIONS

NUMBER OF PATCH DECKS	NUMBER OF HDX ADAPTER PLATES OR CASSETTES PER PATCH DECK	CASSETTE FIBER COUNT	FIBER TYPE	HDX CASSETTE/ PLATE CONNECTOR TYPE (FRONT)	HDX CASSETTE/ PLATE CONNECTOR TYPE (REAR)	HDX CASSETTE POLARITY	FRONT DOOR KIT
• 1-22	• 1-12	• 12 • 24 • 48 • Adapter Plate Only	• OM2 • OM3 • OM4 • OM4+ • OS2	• LC • SC • MTP (key up)	• LC (Plate) • SC (Plate) • MTP (Plate, key up) • MTP (Plate, key down) • 12-Fiber MTP (Cassette) • 24-Fiber MTP (Cassette)	• Method A • Method B (Core) • Method B (Edge) • Method C • None (Adapter Plate)	• Yes • No

Make-to-Order! HDX PATCH DECK OPTIONS

NUMBER OF CASSETTES OR ADAPTER PLATES PER DECK	CASSETTE FIBER COUNT	FIBER TYPE	HDX CASSETTE/PLATE CONNECTOR TYPE (FRONT)	HDX CASSETTE/PLATE CONNECTOR TYPE (REAR)	HDX CASSETTE POLARITY
• 1-12	• 12 • 24 • 48 • Adapter Plate Only	• OM2 • OM3 • OM4 • OM4+ • OS2	• LC • SC • MTP® (key up)	• LC (Plate) • SC (Plate) • MTP (Plate, key up) • MTP (Plate, key down) • 12-Fiber MTP (Cassette) • 24-Fiber MTP (Cassette)	• Method A • Method B, Core • Method B, Edge • Method C • None (Adapter Plate)

Make-to-Order! HDX MTP CASSETTE OPTIONS

FIBER TYPE	FIBER COUNT	CONNECTOR TYPE (FRONT)	MTP TYPE (REAR)	POLARITY
• OM2 • OM3 • OM4 • OM4+ • OS2	• 12 • 24 • 48	• LC • LC (Violet) • 8-Fiber MTP (Female)	• 12-Fiber MTP (Male) • 24-Fiber MTP (Male)	• Method A • Method B, Core • Method B, Edge • Method C

For Method B polarity, you must order one each of the core and edge cassettes.

For assistance customizing your HDX frame system, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

ROii™ Savings Calculator

Calculate your return on infrastructure investment when installing the HDX Frame System in your Main Distribution Area. Go to **apps.Leviton.com/HDXcalculator**.

FEATURED PRODUCTS

Enclosures **B22**

Adapter Plates **B27**

MTP Cassettes **B29**

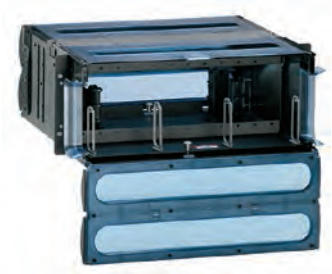
SDX Systems

72 LC FIBERS PER RU

The SDX System, part of the Opt-X® family of fiber optic solutions, is a flexible solution designed for easy installation and maintenance. Whether it's the 2000i for data centers or 1000i and 500i for medium and small enterprise applications, each comes packed with features for better cable organization and maintainability. In addition, precision-molded SDX adapter plates, MTP® cassettes, and cable assemblies offer the flexible connection and storage options to meet any project need.

A

B



C

D

2000i SDX 1RU/2RU/4RU RACK-MOUNT ENCLOSURES

- Accept SDX adapter plates, MTP® cassettes, splice trays, and splice modules
- Removable transparent hinged doors
- Sliding tray provides accessibility to front and rear of bulkhead after installation, and removes completely to facilitate field terminations and splicing
- 17-inch depth for high-density fiber termination and/or splicing
- Stackable and adjustable fiber rings simplify cable management
- Constructed of durable polycarbonate plastic and black powder-coated 16-gauge steel
- 19- or 23-inch rack-mount options (23-inch 1RU mounting bracket sold separately)
- 1RU and 2RU accept the HDX Retrofit Tray (sold separately) for higher density applications using HDX MTP Cassettes and Adapter Plates
- 1RU and 2RU enclosures are "intelligent ready," accept Intact Fiber Upgrade Kits, see page F5

Make to order! leviton.com/configurator

RECOMMENDED APPLICATIONS:

- Data Centers
- Equipment Room
- Entrance Facility
- Telecommunications Room
- 19" and 23" Racks and Cabinets

2000i SDX RACK-MOUNT ENCLOSURES

DESCRIPTION	MAXIMUM CAPACITY					PART NO.
	FIBERS (USING LC)	ADAPTER PLATES	AND	SPLICE TRAYS/ MODULES*	OR	MTP® CASSETTES	
[A] 1RU 2000i SDX Enclosure, empty, sliding tray	72	3		3		3	5R1UH-S03
[B] 2RU 2000i SDX Enclosure, empty, sliding tray	144	6		6		6	5R2UH-S06
[C] 4RU 2000i SDX Enclosure, empty, sliding tray	288	12		12		12	5R4UH-S12
[D] SDX Adapter Plates and Cassettes							See pages B27-B30.

* = Maximum splice tray capacity is limited by height of selected splice tray. See page X13 for splice tray dimension and selection guide.

Make-to-Order! 2000i SDX RACK-MOUNT ENCLOSURE OPTIONS

ENCLOSURE STYLE	ADAPTER PLATES OR MTP CASSETTE SELECTION	ADAPTER PLATE QTY	FIBER TYPE	ADAPTER TYPE & PIGTAIL SELECTION	SPLICE TRAY STYLE	NO. OF SPLICE TRAYS	SECURITY OPTIONS	CABLE CLAMP KIT	MOUNTING EAR POSITION
• 1U • 2U • 4U	• 6 fibers (SC, ST) • 8 fibers (SC, ST) • 12 fibers (LC, SC, ST) • 16 fibers (LC only) • 24 fibers (LC only) • MTP Cassette - 12 fibers (LC, SC, ST) • MTP Cassette - 24 fibers (LC only)	• 1-12	• OM1 • OM2 • OM3 • OM4 • OM4+ • OS2	• LC • LC + pigtail • SC • SC/APC • SC + pigtail • SC/APC + pigtail • ST • ST + pigtail • LC (Violet)	• Heat shrink, foam holders, up to 12 fibers (molded tray) • Heat shrink, plastic holders, up to 12 fibers (molded tray) • Bare fusion, plastic holders, up to 12 fibers (metal tray) • Heat shrink, plastic holders, up to 24 fibers (molded tray) • None	• 1-12 • None	• Locking front door • Locking rear door • Both doors • None	• Yes • No	• 19" • 23"

LightSpace® (LGX® footprint) compatible versions also available by special order.

For assistance customizing your enclosures, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

1000i SDX 1RU/2RU/3RU/4RU RACK-MOUNT ENCLOSURES

- Accept SDX adapter plates, MTP® cassettes, splice trays, and splice modules (pages B27-B31)
- Sliding tray in 1RU and 2RU removes completely for easy field terminations and splicing
- 15-inch depth for high-density fiber termination and/or splicing
- 19- or 23-inch enclosure rack-mount option (23-inch 1RU mounting bracket sold separately)
- Enclosures protrude 4.5-inches from mounting ears to align with Versi-Duct® Cable Management System
- LightSpace® (LGX® footprint) compatible versions also available by custom order
- Included accessory kit consists of cable ties, mounting ear screws, and port ID label
- 1RU and 2RU accept the HDX Retrofit Tray (sold separately) for higher density applications using HDX MTP Cassettes

Make to order! leviton.com/configurator

RECOMMENDED APPLICATIONS:

- Equipment Room
- Telecommunications Room
- 19" and 23" Racks and Cabinets

1000i SDX RACK-MOUNT ENCLOSURES

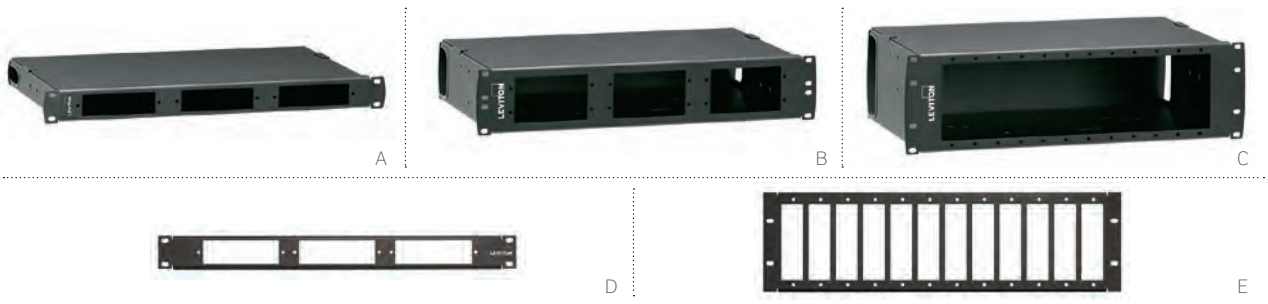
	DESCRIPTION	MAXIMUM CAPACITY				PART NO.
		FIBERS (USING LC)	ADAPTER PLATES	AND SPLICE TRAYS/ MODULES*	OR MTP CASSETTES	
	1RU 1000i SDX Enclosure, empty	72	3	3	3	5R1UM-F03
[A]	1RU 1000i SDX Enclosure, empty, sliding tray	72	3	3	3	5R1UM-S03
	2RU 1000i SDX Enclosure, empty	144	6	6	6	5R2UM-F06
	2RU 1000i SDX Enclosure, empty, sliding tray	144	6	6	6	5R2UM-S06
	3RU 1000i SDX Enclosure, empty, horizontal^	216	9	12	9	5R3UM-F09
[B]	3RU 1000i SDX Enclosure, empty, vertical°	288	12	12	12	5R3UM-F12
[C]	4RU 1000i SDX Enclosure, empty, vertical°	288	12	12	12	5R4UM-F12
	4RU 1000i SDX Enclosure, empty, horizontal^	360	15	12	15	5R4UM-F15

° = Vertical adapter plate/cassette orientation ^ = Horizontal adapter plate/cassette orientation
* = Maximum splice tray capacity is limited by height of selected splice tray. See page X13 for splice tray dimension and selection guide.
See pages B27-B30 for list of SDX adapter plates and cassettes. LightSpace (LGX footprint) compatible versions also available by special order.

Make-to-Order! 1000i SDX RACK-MOUNT ENCLOSURE OPTIONS

ENCLOSURE STYLE	ADAPTER PLATES OR MTP CASSETTE SELECTION	ADAPTER PLATE QTY	FIBER TYPE	ADAPTER TYPE & PIGTAIL SELECTION	SPLICE TRAY STYLE	NO. OF SPLICE TRAYS	SECURITY OPTIONS	CABLE CLAMP KIT	MOUNTING EAR POSITION
• 1RU • 2RU • 1RU or 2RU with tray • 3RU or 4RU with horizontal adapter plates • 3RU or 4RU with vertical adapter plates	• 6 fibers (SC, ST) • 8 fibers (SC, ST) • 12 fibers (LC, SC, ST) • 16 fibers (LC only) • 24 fibers (LC only) • MTP Cassette - 12 fibers (LC, SC, ST) • MTP Cassette - 24 fibers (LC only)	• 1-15	• OM1 • OM2 • OM3 • OM4+ • OS2	• LC • LC + pigtail • SC • SC/APC • SC + pigtail • SC/APC + pigtail • ST • ST + pigtail • LC (Violet)	• Heat shrink, foam holders, up to 12 fibers (molded tray) • Heat shrink, plastic holders, up to 12 fibers (molded tray) • Bare fusion, plastic holders, up to 12 fibers (metal tray) • Heat shrink, plastic holders, up to 24 fibers (molded tray) • None	• 1-12 • None	• Locking front door • Locking rear door • Both doors • None	• Yes • No	• 19" • 23"

For assistance customizing your enclosures, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.



500i SDX 1RU/2RU/3RU FLUSH-MOUNT RACK ENCLOSURES

- Accept SDX adapter plates, MTP® cassettes, splice trays, and splice modules (page B27-B31)
- Flush-mount adapter bulkhead makes moves, adds, and changes easy
- One-piece removable cover allows for complete accessibility to the back of the enclosure
- Accepts injection-molded splice trays and 4 inch x 7 inch metal splice trays
- Enclosure can store up to 3 meters of 900 µm tight-buffered fiber per adapter
- Included accessory kit consists of cable ties, mounting ear screws, and port ID label
- 1RU and 3RU flush-mount panels accept SDX adapter plates and cassettes, and mount to 19-inch racks and cabinets
- Optional add-on patch cord cable management tray (sold separately) uses existing rack unit

RECOMMENDED APPLICATIONS:

- Equipment Room
- Telecommunications Room
- 19" Racks and Cabinets

500i SDX RACK-MOUNT ENCLOSURES

DESCRIPTION	MAXIMUM CAPACITY: FIBERS (USING LC)	ADAPTER PLATES	AND	SPLICE TRAYS/ MODULES*	OR	MTP CASSETTES	PART NO.
[A] 1RU 500i SDX Enclosure, empty	72	3		3		3	5R1UL-F03
[B] 2RU 500i SDX Enclosure, empty	144	6		6		6	5R2UL-F06
[C] 3RU 500i SDX Enclosure, empty	288	12		12		12	5R3UL-F12
[D] 1RU 500i SDX Panel, empty	72	3		N/A		3	5R1UE-OPX
[E] 3RU 500i SDX Panel, empty	288	12		N/A		12	5R3UE-OPX

* = Maximum splice tray capacity is limited by height of selected splice tray. See page X13 for splice tray dimension and selection guide.
See pages B27-B30 for list of SDX adapter plates and cassettes.

SPOTLIGHT Patch Cord Management Tray

Patch Cord Management Trays help route and organize cables on 500i SDX enclosures. The trays feature identification labels and front saddles that pivot for easier routing. Because they mount directly to the front of the enclosures, they do not require additional rack space. Available in 1RU and 2RU sizes, the trays can be used with any Leviton 1RU flush-mount MTP enclosure, and 2RU trays can be used with 3RU 500i SDX enclosures. (See page B32.)

A

B

C

1000 SDX WALL-MOUNT FIBER OPTIC ENCLOSURES

- Self-healing grommet material protects cable and minimizes dust buildup
- Adjustable fiber management rings easily attach to mounting studs
- Ground terminal lug provides grounding option or cable strain relief
- Cutout on side of enclosure allows access to adapter bulkhead when doors are open
- Door options: split with single lock on service side (optional lock available to install on customer side), solid with or without single lock on customer side
- Constructed of 16-gauge steel, powder-coated black

RECOMMENDED APPLICATIONS:

Telecommunications Room

Equipment Room

1000 SDX WALL-MOUNT ENCLOSURES							
DESCRIPTION		MAXIMUM CAPACITY					PART NO.
		FIBERS (USING LC)	ADAPTER PLATES	AND	SPLICE TRAYS/ MODULES*	OR MTP® CASSETTES	
	Small 1000 SDX Enclosure, empty, solid metal door, no lock	48	2		N/A	2	5W110-00N
[A]	Small 1000 SDX Enclosure, empty, split metal door, one lock and key	48	2		N/A	2	5W120-00N
	Small 1000 SDX Enclosure, empty, solid metal door, one lock and key	48	2		N/A	2	5W170-00N
	Medium 1000 SDX Enclosure, empty, solid metal door, no lock	96	4		6 / 4	4	5W310-00N
[B]	Medium 1000 SDX Enclosure, empty, split metal door, one lock and key	96	4		6 / 4	4	5W320-00N
	Medium 1000 SDX Enclosure, empty, solid metal door, one lock and key	96	4		6 / 4	4	5W370-00N
[C]	Large 1000 SDX Enclosure, empty, solid metal door, no lock	288	12		6 / 12	12	5W710-00N
	Large 1000 SDX Enclosure, empty, split metal door, one lock and key	288	12		6 / 12	12	5W720-00N
	Large 1000 SDX Enclosure, empty, solid metal door, one lock and key	288	12		6 / 12	12	5W770-00N

ACCESSORIES	
DESCRIPTION	PART NO.
1000 SDX Enclosure Lock and Key	5L000-L0K

* = Maximum splice tray capacity is limited by height of selected splice tray. See page X13 for splice tray dimension and selection guide.
See pages B27-B30 for list of SDX adapter plates and cassettes.

A

B

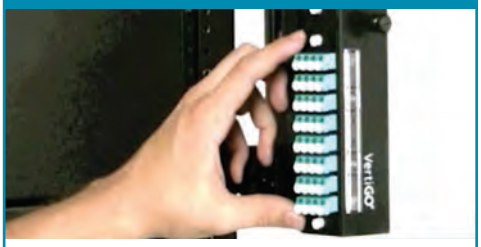
C

VERTIGO ZERO-U PATCH PANELS

- QuickPort® or SDX-style openings for copper and fiber installations
- Zero-U uses no rack space
- Improves cabinet center airflow by routing rear cable along outer edges
- Styles with 3- and 6-inch channels* provide additional cable management space
- Hinged doors provide easy access to termination field
- Patented magnified lens label holders make for easy reading
- Pre-configured plug-n-play options available for fast network deployment, call 800.722.2082 for more information

*Not available as stand-alone pieces and must be purchased as a complete unit.

WATCH: INSTALLATION VIDEOS



Leviton.com/ns/videos
"How to Mount a VertiGO Patch Panel"

VERTIGO RACK-MOUNT PLUG-N-PLAY PATCH PANELS

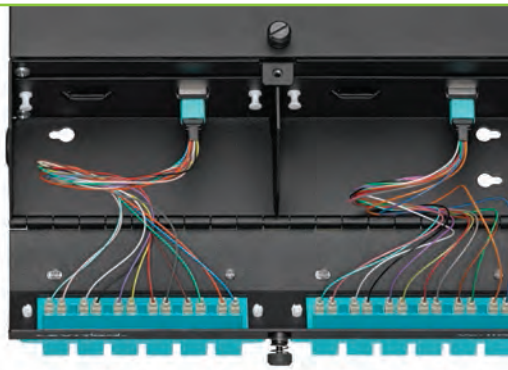
- Adjustable mounting ears provide five unique offset distances for enhanced horizontal cable management
- Integrated cable manager
- Accepts all SDX adapter plates, allowing for a mix of copper, fiber, and multimedia connectivity
- Provides either MTP® Plug-n-Play or discrete point termination
- All VertiGO Rack-Mount Plug-n-Play Patch Panels sold as custom configurations; call 800.722.2082 for more information

VERTIGO ZERO-U PATCH PANELS		
DESCRIPTION		PART NO.
[A]	VertiGO Zero-U SDX Panel, empty	49280-AP0
[B]	VertiGO Zero-U Plug-N-Play Patch Panel*	Contact Inside Sales 800.722.2082
[C]	VertiGO Rack-Mount Plug-N-Play Patch Panels*	Contact Inside Sales 800.722.2082

For VertiGO panels with QuickPort openings, see page A23.
*** = Minimum order quantity and lead times may apply.**

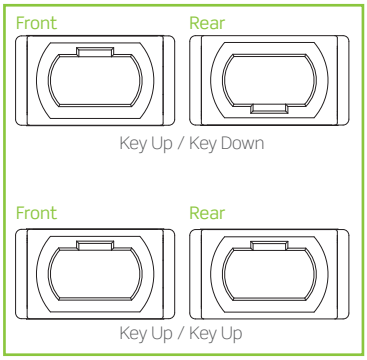
SPOTLIGHT VertiGO®

A major developer of enterprise cloud applications for human resource and finance organizations recently installed VertiGO Zero-U panels above their data center cabinets. Installing above the cabinet allowed them to dedicate 100 percent of their rack space to equipment, and mounting brackets made it easy to mount horizontally to ladder racks without requiring any drilling. The panels include both copper and fiber, using built-in dividers to isolate LC fiber and RJ copper connectivity against damage. Rear cable managers protect MTP connections and insure that no other cables installed in the ladder rack will disturb the connection to the cabinets.



SDX ADAPTER PLATES

- Work with SDX Enclosures, including the 2000i, 1000i, 500i, VertiGO®, and wall-mount 1000
- Captive push/pull fasteners allow for quick, tool-free installation and removal
- Precision-molded LC and SC adapter plate colors designate fiber type, per TIA standards
- Available in 6- to 24-fiber plates for LC, SC, and ST
- Available in 72- to 192-fiber plates for MTP®
- MTP® and LC adapter plates with shutters available by custom order
- 6-position QuickPort® Adapter plates (item T) accept all QuickPort modules



SDX RACK-MOUNT ENCLOSURE CAPACITY

1RU FOR 2000i, 1000i & 500i	2RU FOR 2000i, 1000i & 500i	3RU FOR 1000i	3RU FOR 500i	4RU FOR 2000i & 1000i
Holds up to 3 adapter plates	Holds up to 6 adapter plates	Holds up to 9/12 adapter plates	Holds up to 12 adapter plates	Holds up to 12/15 adapter plates
6-pk Dplx LC = up to 36 fibers 6-pk Quad LC = up to 72 fibers 8-pk Dplx LC = up to 48 fibers 3-pk Dplx SC = up to 18 fibers 6-pk Dplx SC = up to 36 fibers 6-pk ST = up to 18 fibers 8-pk ST = up to 24 fibers	6-pk Dplx LC = up to 72 fibers 6-pk Quad LC = up to 144 fibers 8-pk Dplx LC = up to 96 fibers 3-pk Dplx SC = up to 36 fibers 6-pk Dplx SC = up to 72 fibers 6-pk ST = up to 36 fibers 8-pk ST = up to 48 fibers	6-pk Dplx LC = up to 108/144 fibers 6-pk Quad LC = up to 216/288 fibers 8-pk Dplx LC = up to 144/192 fibers 3-pk Dplx SC = up to 54/72 fibers 6-pk Dplx SC = up to 108/144 fibers 6-pk ST = up to 54/72 fibers 8-pk ST = up to 72/96 fibers	6-pk Dplx LC = up to 144 fibers 6-pk Quad LC = up to 288 fibers 8-pk Dplx LC = up to 192 fibers 3-pk Dplx SC = up to 72 fibers 6-pk Dplx SC = up to 144 fibers 6-pk ST = up to 72 fibers 8-pk ST = up to 96 fibers	6-pk Dplx LC = up to 144/180 fibers 6-pk Quad LC = up to 288/360 fibers 8-pk Dplx LC = up to 192/240 fibers 3-pk Dplx SC = up to 72/90 fibers 6-pk Dplx SC = up to 144/180 fibers 6-pk ST = up to 72/90 fibers 8-pk ST = up to 96/120 fibers

SDX WALL-MOUNT ENCLOSURE CAPACITY

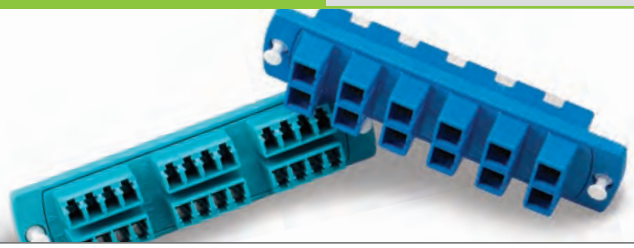
SMALL	MEDIUM	LARGE
Holds up to 2 adapter plates	Holds up to 4 adapter plates	Holds up to 12 adapter plates
6-pk Dplx LC = up to 24 fibers 6-pk Quad LC = up to 48 fibers 8-pk Dplx LC = up to 32 fibers 3-pk Dplx SC = up to 12 fibers 6-pk Dplx SC = up to 24 fibers 6-pk ST = up to 12 fibers 8-pk ST = up to 16 fibers	6-pk Dplx LC = up to 48 fibers 6-pk Quad LC = up to 96 fibers 8-pk Dplx LC = up to 64 fibers 3-pk Dplx SC = up to 24 fibers 6-pk Dplx SC = up to 48 fibers 6-pk ST = up to 24 fibers 8-pk ST = up to 32 fibers	6-pk Dplx LC = up to 144 fibers 6-pk Quad LC = up to 288 fibers 8-pk Dplx LC = up to 192 fibers 3-pk Dplx SC = up to 72 fibers 6-pk Dplx SC = up to 144 fibers 6-pk ST = up to 72 fibers 8-pk ST = up to 96 fibers

SDX PRECISION-MOLDED FIBER ADAPTER PLATES		
	DESCRIPTION	PART NO.
[A]	12-Fiber SDX Adapter Plate, OM1, Duplex LC (beige), zirconia ceramic sleeve	5F100-2IL
[B]	12-Fiber SDX Adapter Plate, OM2, Duplex LC (black), zirconia ceramic sleeve	5F100-2EL
[C]	12-Fiber SDX Adapter Plate, OM3 & OM4, Duplex LC (aqua), zirconia ceramic sleeve	5F100-2QL
[D]	12-Fiber SDX Adapter Plate, OM4+, Duplex LC (violet), zirconia ceramic sleeve	5F100-2PL
[E]	12-Fiber SDX Adapter Plate, OS2, Duplex LC (blue), zirconia ceramic sleeve	5F100-2LL
[F]	12-Fiber SDX Adapter Plate, OS2, Duplex LC/APC (green), zirconia ceramic sleeve	5F100-2VL
[G]	24-Fiber SDX Adapter Plate, OM1, Quad LC (beige), zirconia ceramic sleeve	5F100-4IL
[H]	24-Fiber SDX Adapter Plate, OM2, Quad LC (black), zirconia ceramic sleeve	5F100-4EL
[I]	24-Fiber SDX Adapter Plate, OM3 & 4, Quad LC (aqua), zirconia ceramic sleeve	5F100-4QL
	24-Fiber SDX Adapter Plate, OM4+, Quad LC (violet), zirconia ceramic sleeve	5F100-4PL
[J]	24-Fiber SDX Adapter Plate, OS2, Quad LC (blue), zirconia ceramic sleeve	5F100-4LL
	6-Fiber SDX Adapter Plate, OM1, Duplex SC (beige), zirconia ceramic sleeve	5F100-6IC
	6-Fiber SDX Adapter Plate, OM2, Duplex SC (black), zirconia ceramic sleeve	5F100-6EC
	6-Fiber SDX Adapter Plate, OM3 & OM4, Duplex SC (aqua), zirconia ceramic sleeve	5F100-6QC
	6-Fiber SDX Adapter Plate, OS2, Duplex SC (blue), zirconia ceramic sleeve	5F100-6LC
	6-Fiber SDX Adapter Plate, OS2, Duplex SC/APC (green), zirconia ceramic sleeve	5F100-6VC
[K]	12-Fiber SDX Adapter Plate, OM1, Duplex SC (beige), zirconia ceramic sleeve	5F100-2IC
[L]	12-Fiber SDX Adapter Plate, OM2, Duplex SC (black), zirconia ceramic sleeve	5F100-2EC
[M]	12-Fiber SDX Adapter Plate, OM3 & OM4, Duplex SC (aqua), zirconia ceramic sleeve	5F100-2QC
[N]	12-Fiber SDX Adapter Plate, OS2, Duplex SC (blue), zirconia ceramic sleeve	5F100-2LC
[O]	12-Fiber SDX Adapter Plate, OS2, Duplex SC/APC (green), zirconia ceramic sleeve	5F100-2VC
[P]	6-Fiber SDX Adapter Plate, ST MM/SM (black), zirconia ceramic sleeve	5F100-6MT
[Q]	8-Fiber SDX Adapter Plate, ST MM/SM (black), zirconia ceramic sleeve	5F100-8MT
[R]	SDX Adapter Plate, blank (black)	5F100-PLT
SDX FIBER ADAPTER PLATES, METAL		
	16-Fiber SDX Adapter Plate (black), OM1 & OM2, Duplex LC (beige), phosphor bronze sleeve*	5F100-16P
	16-Fiber SDX Adapter Plate (black), OM3 & OM4, Duplex LC (aqua), zirconia ceramic sleeve*	5F100-16A
	16-Fiber SDX Adapter Plate (black), OS2, Duplex LC (blue), zirconia ceramic sleeve*	5F100-16Z
[S]	SDX Adapter Plate, 6 simplex MTP® (black), key up/key down	5F100-6MP
	SDX Adapter Plate, 6 simplex MTP (black), key up/key up*	5F100-6MB
	SDX Adapter Plate, 8 simplex MTP (black), key up/key down	5F100-8MP
	SDX Adapter Plate, 8 simplex MTP (black), key up/key up*	5F100-8MB
[T]	SDX Adapter Plate, 6-position QuickPort® (black), empty	5F100-6QP

*** = Minimum order quantity and lead times may apply.**

Additional adapter plate configurations available. Please contact Tech Support at 800.824.3005 for more information.

SPOTLIGHT SDX Precision-Molded Adapter Plates



Traditional adapter plate construction typically uses independent couplers inserted in a metal plate that often results in a "rattling" of components. Leviton SDX Adapter Plates eliminate rattling and loose-fitting adapters by using precision molding and integrated adapters, improving the overall performance, functionality, and quality of construction. All multimode and single-mode SDX plates feature zirconia ceramic sleeves, providing high performance and low insertion loss (recommended for applications requiring 10 Gbps and higher).

A

B

MTP-LC Cassette with Shutters

MTP-LC, 24-fiber, OM4
(OM4+ violet color option)

SDX MTP CASSETTES

- Plug-n-play cassettes eliminate the need for field termination or splices
- Bend-insensitive fiber used in OM3/OM4/OM4+ cassette
- All premium 12-fiber MTP cassettes use low-loss MTP connectors
- Low insertion loss of 0.5 dB maximum
- 100% factory tested with test results included with each cassette

Make to order! leviton.com/configurator

SDX CASSETTES, COMMON CONFIGURATIONS

	DESCRIPTION	PART NO.
	12-Fiber SDX MTP Cassette, MTP-LC	FM-*012CAC0+
[A]	12-Fiber SDX MTP Cassette, MTP-SC	FM-*012BAC0+
[B]	24-Fiber SDX MTP Cassette, 2x12F MTP-LC	FM-*024CAC0+

* = fiber type: A = OS2, E = OM3, F = OM4, G = OM4+
+ = Polarity: A=Method A, C=Method C, BC = Method B (core), BE = Method B (edge). For Method B, each channel must have 1 core and 1 edge cassette.

Make-to-Order! MTP CASSETTE OPTIONS

FIBER TYPE	FIBER COUNT	CONNECTOR TYPE	MTP FIBER COUNT	POLARITY
• OM1 • OM2 • OM3 • OM4 (aqua) • OM4+ (violet) • OS2	• 12 • 24	• LC • LC (violet) • LC (w/shutters) • LC/APC • LC/APC (w/shutters) • SC • SC/APC • MU • ST	• 12	• MTP Method A • MTP Method B, Core, Black Latches • MTP Method B, Edge, White Latches • MTP Method C

For assistance customizing your cassettes, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

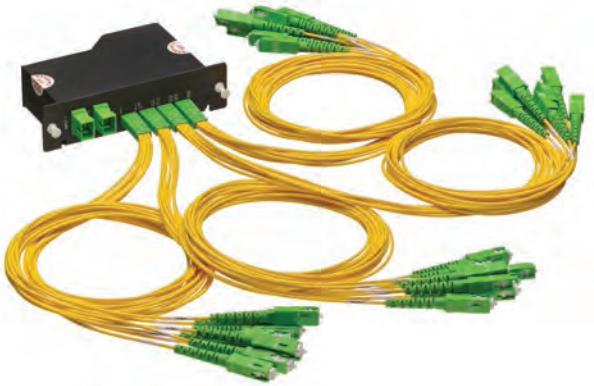
For MTP Method B polarity, you must order one each of the Core and Edge cassettes.

SDX GPON SPLITTER MODULE

- Permits low optical loss for passive optical network layouts
- Cassette includes SC/APC connector on fiber lead
- Fits SDX wall- and rack-mount enclosures

SDX GPON SPLITTER CASSETTES

DESCRIPTION	PART NO.
SDX Splitter, 1 x 16, SC/APC, 3-foot leg	PLC16-003
SDX Splitter, 2 x 16, SC/APC, 3-foot leg	PLC26-003
SDX Splitter, 1 x 32, SC/APC, 3-foot leg	PLC12-003
SDX Splitter, 2 x 32, SC/APC, 3-foot leg	PLC22-003



A

B

Two Configurations Available:

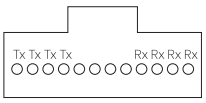
1x24-Fiber MTP
(back view)

2x12-Fiber MTP
(back view)

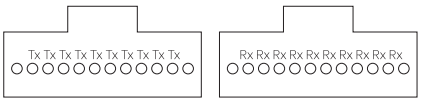
OPT-X UNITY 40/100G SDX MTP CASSETTES

- Easy to migrate from 10G to 40/100G when used with Opt-X® Unity trunks, harnesses, and patch cords
- Cassettes support up to 48 fibers using MTP-MTP, or 24 fibers using MTP-LC
- All cassettes use either 24-fiber or 12-fiber low-loss MTP connectors
- Bend-insensitive fiber used in OM3/OM4/OM4+ cassettes
- MTP-MTP cassettes are used with MTP array cords on page B60
- See specific enclosure pages for MTP cassette capacity
- Latches are color coded: black = Core, white = Edge
- Unity cassettes are Make-to-Order only

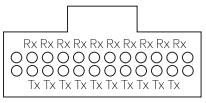
Make to order! leviton.com/configurator



40GBASE-SR4, 8-fiber MTP
100GBASE-SR4, 8-fiber MTP



100GBASE-SR10, 2x12-fiber MTPs



100GBASE-SR10, 24-fiber MTP

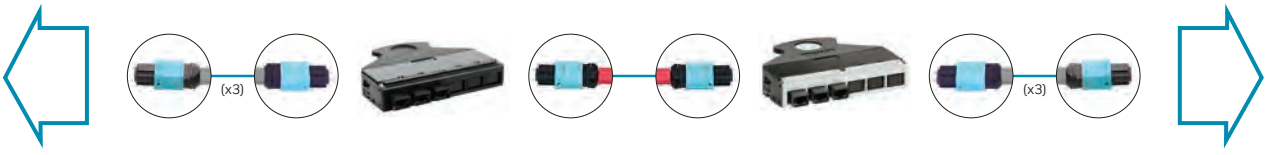
OPT-X UNITY 40/100G SDX MTP CASSETTES, COMMON CONFIGURATIONS

	DESCRIPTION	PART NO.
[A]	24-Fiber Opt-X Unity SDX MTP Cassette, 2x12F MTP-3x8F MTP, method B	FM -*024NCC0B†
[B]	48-Fiber Opt-X Unity SDX MTP Cassette, 2x24F MTP-6x8F MTP, method B	FM -*048NDC0B†
	24-Fiber Opt-X Unity SDX MTP Cassette, 24F MTP-LC, method B	FM -*024CDC0B†
	24-Fiber Opt-X Unity SDX MTP Cassette, 24F MTP-3x8F MTP, method B	FM -*024NDC0B†

* = Fiber type: OM3 (E), OM4 (F), OM4+ (G) † = Polarity: Core (C), or Edge (E) **Each channel must have one core and one edge cassette.** Other MTP polarity options available.

For assistance customizing your cassettes, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

SPOTLIGHT 10/40/100G Fiber Performance



Electronics | 8-Fiber MTP Array Cord | 24-Fiber MTP Cassette (core) | 1x24-Fiber MTP Trunk Cable | 24-Fiber MTP Cassette (edge) | 8-Fiber MTP Array Cord | Electronics

Leviton is the first manufacturer to have an independent fiber channel verification completed. Our OM3 fiber connectivity has been tested and shown to exceed performance requirements to support 10GBASE-S, and the Opt-X Unity System has been shown to exceed the performance requirements for 40GBASE-SR4 and 100GBASE-SR10 standards. Both tests were performed by Intertek (ETL) to ensure compliance to the maximum insertion loss and link distance requirements specified in the ANSI/TIA-568-C.3 and IEEE 802.3ba standards. The channels were configured to show typical data center applications as well as maximum flexibility. This type of testing assures customers that our fiber solutions will support their needs as they migrate to 10G, 40G, or 100G.

ETL®
Mated-pair channel tested by Intertek (ETL)

SDX | Splice Trays & Splice Modules

PRECISION-MOLDED SPLICE TRAYS

- 12-fiber mini and 24-fiber high-density splice trays
- Protect and manage heat-shrink-style spliced fibers
- Heat-shrink splice sleeves included
- Ratchet-action clamps with foam-rubber padding minimize damage to fibers
- Compatible with Leviton SDX 2000i, 1000i, and 1000 Enclosures, plus LightSpace® Wall-Mount Enclosures
- 24-fiber splice tray (T5PLS-24F) compatible with HDX frame splice deck
- 12-fiber splice tray compatible with Leviton network interface devices (NIDs); when stacking splice trays, only use lids on top tray

SDX 12- & 24-FIBER SPLICE MODULES

- Integrate fiber adapter bulkhead (12 or 24 fibers) and splice holders, eliminating the need of splice trays
- Individual compartments provide slack storage and bend radius guides for respective backbone cable, 900 µm tight-buffer pigtails, and fusion-spliced fibers
- Modular design allows for ease of maintenance of individual spliced fiber and allows for scaling up without impacting existing fibers

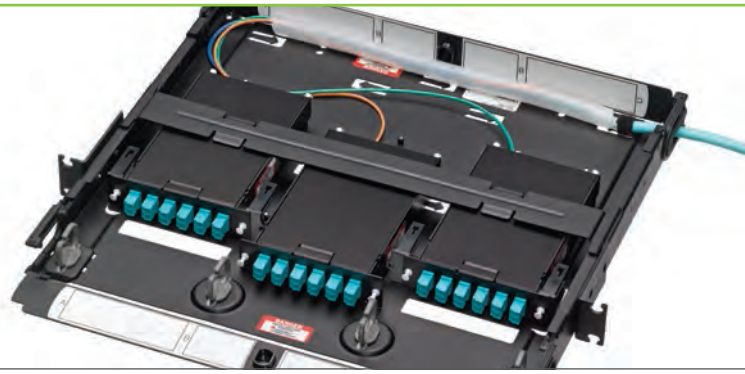
PRECISION-MOLDED SPLICE TRAYS		
	DESCRIPTION	PART NO.
[A]	12-Fiber Mini Splice Tray, 3.74" W x 5.59" L x 0.56" H (includes 14 heat-shrink splice sleeves)	T5PLS-12F
[B]	24-Fiber High-Density Splice Tray, 4.5" W x 7.63" L x 0.50" H (includes 26 heat-shrink splice sleeves)	T5PLS-24F
	Splice Tray Mounting Hardware Kit	SPLMT-HKT
SDX 12- & 24-FIBER SPLICE MODULES		
[C]	12-Fiber Splice Module, LC*	SPLCS-12x
[D]	24-Fiber Splice Module, LC*	SPLCS-24x
[E]	12-Fiber Splice Module, SC*	SPSCS-12x

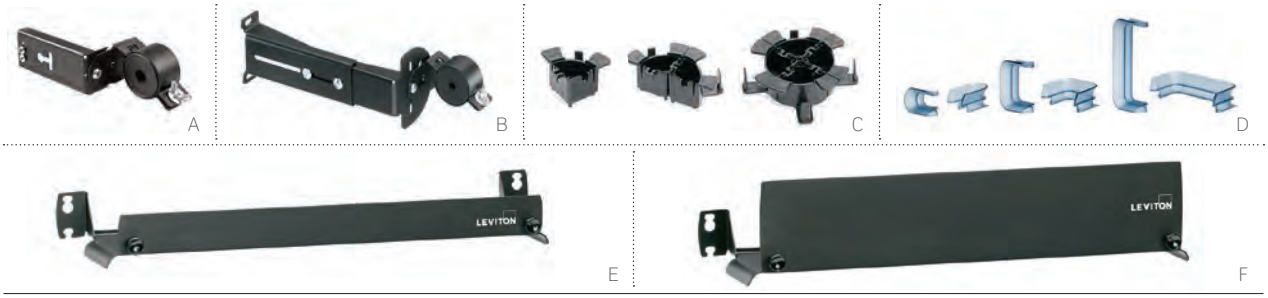
* = Additional fiber types and connector combinations are available. For assistance ordering, call 800.824.3005.
x = OM3 (A), OS2 (L), APC OS2 (V), OM4 (4), OM4+ (P)
Note: Splice tray mounting hardware sold separately except as noted. Additional configurations available including mechanical splice. Contact Inside Sales at 800.824.3005 for more information.

For assistance ordering your splice trays, visit Leviton.com/configurator or call Tech Support at 800.824.3005.

SPOTLIGHT SDX Fiber Splice Modules

SDX 12- and 24-Fiber Splice Modules protect and organize heat-shrink fusion spliced fibers inside a fiber enclosure. Splice modules eliminate the need for individual splice trays within a fiber enclosure and provide optimal organization and slack management of fibers. Plus, the modular design enables faster field splicing and simple management of pigtails within the housing.





SDX SYSTEM ACCESSORIES

- Cable Clamp Kits minimize excessive pulling, bending, and crushing
- Support easy cable identification and decrease the need for tie-wraps inside the enclosure
- Fiber Cable Management Rings secure fiber slack
- Patch Cord Management Trays help route and organize cables, mount directly to the front of the enclosures, and do not require additional rack space

ACCESSORIES			AVAILABLE FOR				
	DESCRIPTION	PART NO.	UHDX	2000i HDX & SDX	1000i HDX & SDX	500i SDX	1000 SDX WALL-MOUNT
[A]	Universal Clamp Kit, single cable grommet (for enclosure mounting)	5RCMP-KIT	X	X	X	X	
	Universal Clamp Kit, multiple cable grommet (for enclosure mounting)	5RCMP-KT2	X	X	X	X	
[B]	Universal Clamp Kit, single and multiple cable grommet (for rack mounting)	5RCMR-KIT	X	X	X	X	
	1RU 23" Rack and Cabinet Mounting Bracket^	5R1RU-023		X	X		
	23" Rack and Cabinet Mounting Bracket	5REAR-023	X				
	Replacement Door^	5D000-*UN		X			
	Replacement Door with Lock^	5D000-*UL		X			
	Replacement Covers^	5C000-RPL		X			
	Covers, metal^	5CMTL-RPL		X			
[C]	Fiber Cable Management ¼" Ring Kit (bag of four ¼" rings)	5R100-14R		X	X	X	
[D]	2000i Patch Cord Bend Radius Bracket (bag of two)^	5PCBR-*BT		X			
	Lock and Key for Rack-Mount Enclosure	5L000-KAL			X		
	Lock and Key for Wall-Mount Enclosure	5L000-L0K					X
[E]	1RU Patch Cord Management Tray, for use with 1RU enclosure, 4" depth	5R1UL-CMT				X	
[F]	2RU Patch Cord Management Tray, for use with 2RU and 3RU enclosure, 4" depth	5R2UL-CMT				X	
	Grounding Kit	DPGRD-KIT	X	X	X	X	

^ = Minimum order quantity and lead times may apply.

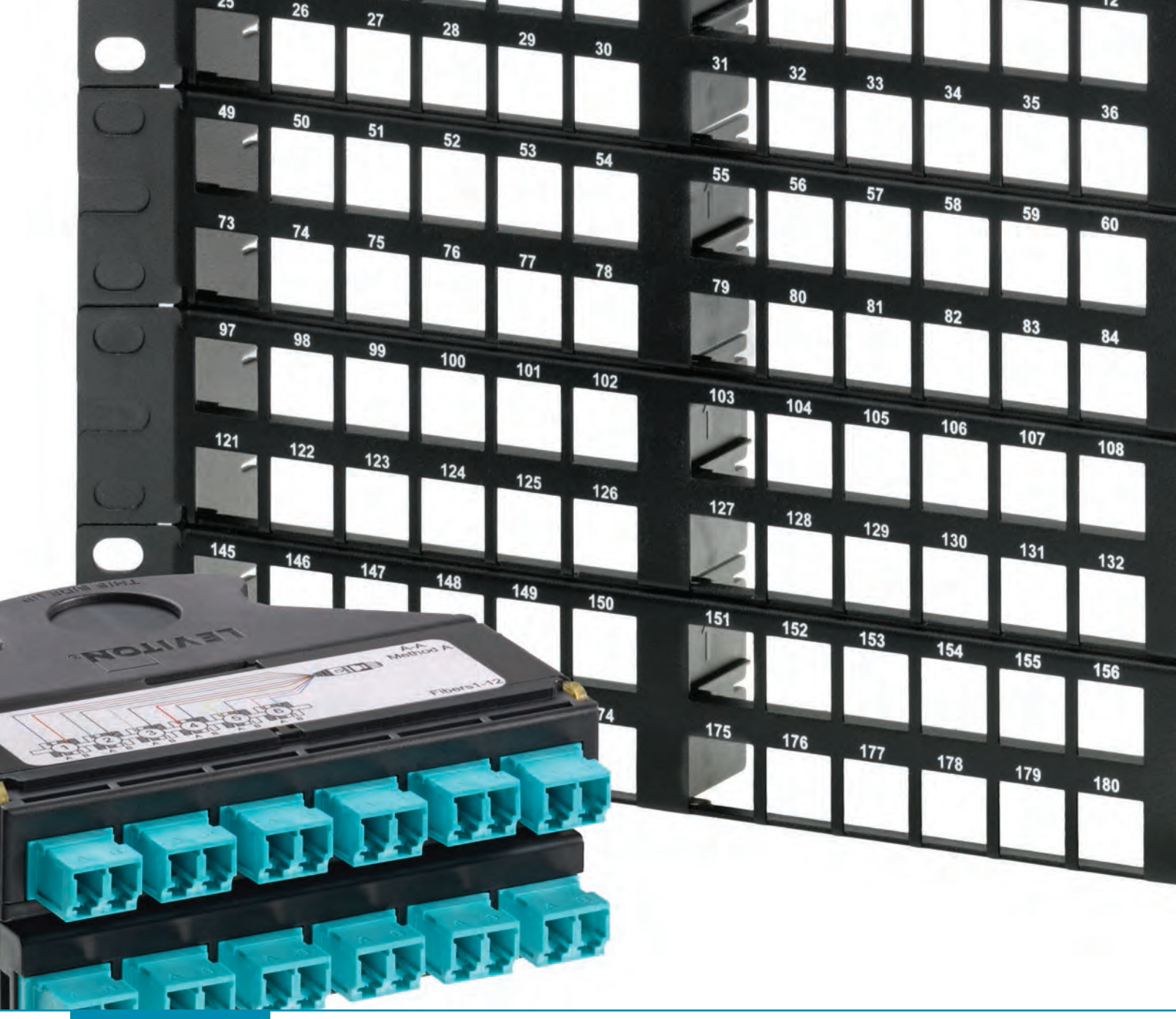
* = Rack Units: 1RU (1), 2RU (2), 4RU (4)

SPOTLIGHT Cable Clamp Kits

Cable clamp kits minimize excessive pulling, bending, and crushing forces on cable. The Enclosure-Mount Universal Clamp Kit makes it easy to identify cables, and decreases the need for tie-wraps inside the enclosure. The kit also creates a transition point from jacketed cable to buffered fiber or subunits. The Rack-Mount Universal Clamp Kit is ideal for vertical strain relief and strain relief at the top or bottom of a rack/cabinet. Use it for installations with minimal vertical cable pathways and little space for an enclosure-mount cable clamp kit.

Rack-Mount Universal Clamp Kit Installed

Enclosure-Mount Universal Clamp Kit Installed



FEATURED PRODUCTS

Panels **B35**

Cassettes **B36**

e2XHD Snap-In Cassette Patching System

The e2XHD Copper and Fiber Patching System is an easy-to-connect, high-density solution for enterprise and data center applications, where fast deployment and simple maintenance are critical. The system includes 1RU and 4RU high-density panels, copper and fiber snap-in cassettes, and accessories for additional cable protection and management. The e2XHD cassettes quickly snap in and pull out of the panels, making installation, moves, adds, and changes easier than ever.

For copper cassettes, see page A22.

e2XHD HIGH-DENSITY **PATCH PANELS**

High-density panels allow patching for up to 48 duplex fiber channels in a 1RU panel or 192 channels in a 4RU panel.

e2XHD MTP-MTP Pass-Through Cassette

e2XHD MTP-MTP Fiber Cassette, Core

e2XHD FIBER **CASSETTES**

Fiber MTP® Cassettes provide a simple migration path to 40G or 100G networks. The cassettes are pre-terminated and available in 12 or 24 fibers, OM3, OM4, OM4+, or OS2 single mode.

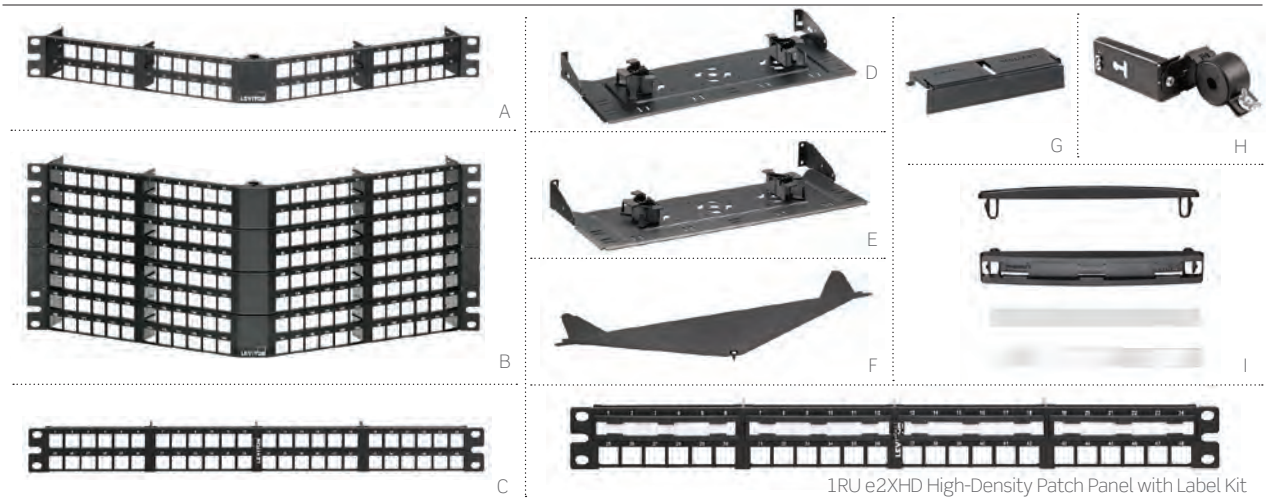
The e2XHD Fiber Cassette features an MTP adapter that swivels to three positions for easier cable routing. Used in conjunction with the patching system's rear cable manager and cable management rings, the adapter delivers an ideal solution for eliminating cable tension and ensuring proper bend radius.

e2XHD 12-Fiber QuickPort® LC Cassette, OM3/OM4 - Aqua

WATCH: TRAINING VIDEOS

Leviton.com/ns/videos
"e2XHD Cassette-Based Patching System"

e2XHD SNAP-IN CASSETTE PATCHING SYSTEM | Panels, Cable Managers, Covers & Tools



1RU e2XHD High-Density Patch Panel with Label Kit

HIGH-DENSITY PANELS

- Allows for fiber and copper in the same panel
- 1RU panels hold up to 8 single-height fiber cassettes (48 fiber channels)
- 4RU panels hold up to 32 single-height fiber cassettes (192 fiber channels)
- Alignment tabs on panels ensure upright insertion of cassettes
- Mount on standard 19-inch racks or cabinets

ANGLED PANEL COVER

- Uses no additional rack space
- Minimizes dust and debris behind panels
- Attaches directly to e2XHD Angled Panel
- Can be retrofitted after panel is installed
- Can be used for top and bottom of panels

REAR CABLE MANAGERS

- Support both fiber and copper cables
- Cable management rings included to help manage and route incoming fiber cables
- Built-in VELCRO®-Brand tie downs secure cables
- Optional Clamp Kits available to provide cable strain relief for incoming cables
- Flat Panel Manager mounts to rack or cabinet; screws included
- Angled Panel Manager attaches directly to panels

e2XHD Snap-In Cassette Patching System for copper applications on page A22.

e2XHD PANELS, CABLE MANAGERS, COVERS & TOOLS		
DESCRIPTION		PART NO.
[A]	1RU e2XHD Angled High-Density Panel	E2X1A-D48
[B]	4RU e2XHD Angled High-Density Panel	E2X4A-192
[C]	1RU e2XHD Flat High-Density Panel	E2X1F-D48
	4RU e2XHD Flat High-Density Panel	E2X4F-192
[D]	e2XHD Rear Cable Manager for Angled Panel, with fiber storage rings (four ¼" rings)	E2XHD-CMB
[E]	e2XHD Rear Cable Manager for Flat Panel, with fiber storage rings (four ¼" rings)	E2X1F-CMB
[F]	e2XHD Angled Panel Cover	E2XHD-COV
[G]	e2XHD Cassette Blank	E2XHD-BLK
	QuickPort® Connector Removal Tool	E2XHD-JRT
[H]	Universal Clamp Kit, single cable Grommet (mounts to Rear Cable Manager)	5RCMP-KIT
	Universal Clamp Kit, multiple cable Grommet (mounts to Rear Cable Manager)	5RCMP-KT2
	Universal Clamp Kit, single and multiple cable Grommet (for rack mounting)	5RCMR-KIT
[I]	e2XHD Label Kit (4 pack)+	E2XHD-LBL

+ = Label kit occupies one row of panel.

A B C D E F G

8-Fiber MTP®-LC Conversion MTO Cassette

FIBER CASSETTES

- Easy to migrate from 10G to 40/100G when used with Opt-X® Unity trunks, harnesses, and patch cords
- Used exclusively with e2XHD panels
- Available in MTP-MTP or MTP-LC
- Available in 12- or 24-fiber, OM3, OM4, OM4+, OS2
- MTP® adapter swivel allows for easy cable routing and proper bend radius
- QuickPort® MTP-LC Cassette uses QuickPort modular fiber adapters; can be removed with QuickPort Connector Removal Tool
- All cassettes use either 24-fiber or 12-fiber low-loss MTP connectors
- Blank cassettes reserve capacity for future cassettes, easily snap into rear of panel to block unused cassette openings
- Conversion cassettes available on page B50 (40G to 10G, 100G to 10G, etc.)

For assistance customizing your cassettes, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

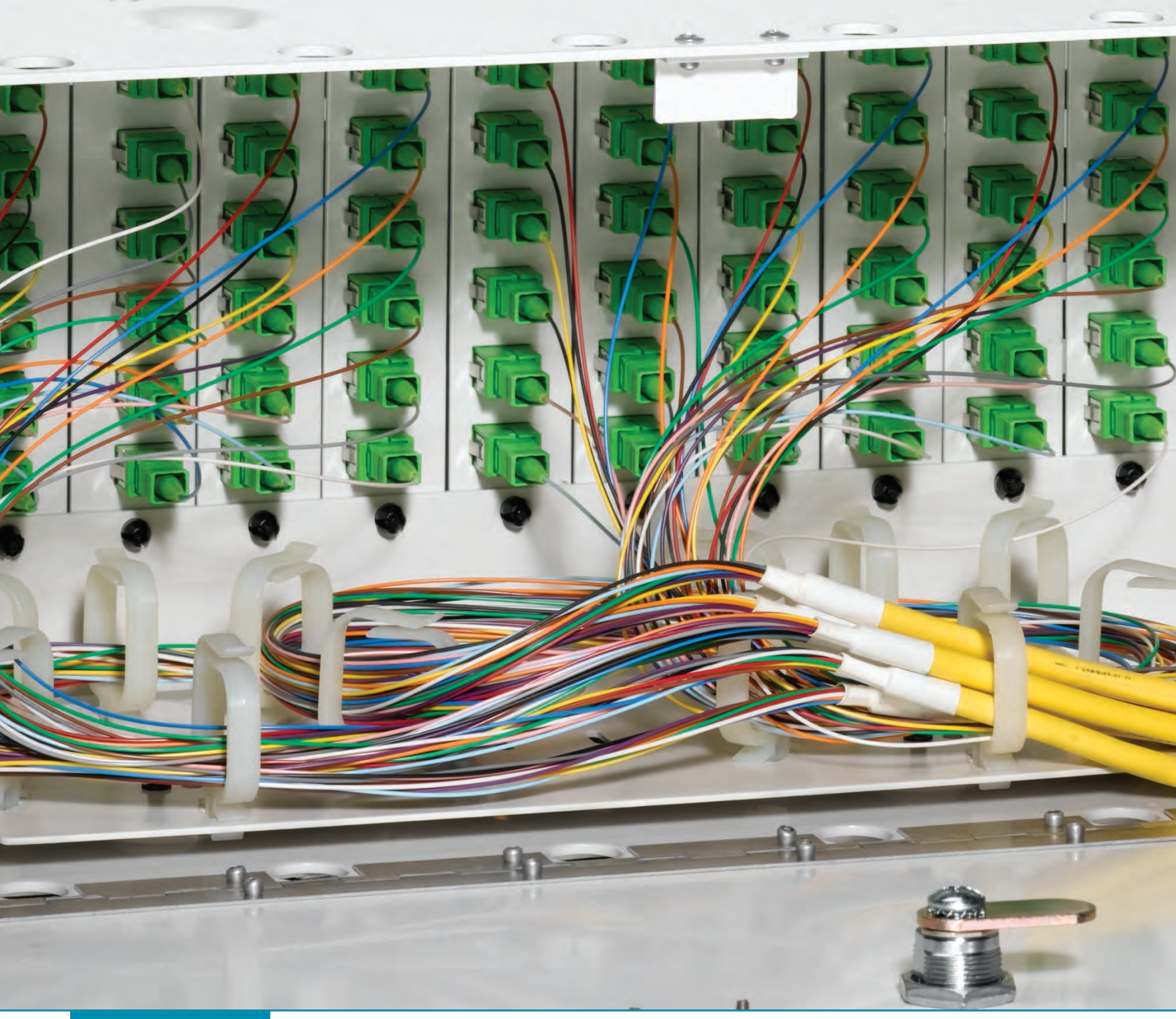
Make to order! leviton.com/configurator

e2XHD PATCHING SYSTEM CASSETTES

	DESCRIPTION	PART NO.
[A]	24-Fiber e2XHD Cassette, MTP-LC, core (2x12 Fiber MTP)	(see options below)
[B]	12-Fiber e2XHD Cassette, OM4+ (violet shown), MTP-LC, core (1x12 Fiber MTP)	(see options below)
[C]	24-Fiber e2XHD Cassette, MTP-MTP, core (1x24 Fiber MTP)	(see options below)
	24-Fiber e2XHD Cassette, MTP-MTP, edge (1x24 Fiber MTP)	(see options below)
[D]	24-Fiber e2XHD Cassette, MTP-LC, edge (2x12 Fiber MTP)	(see options below)
[E]	24-Fiber e2XHD Cassette, MTP-MTP, edge (1x24 Fiber MTP)	(see options below)
[F]	12-Fiber e2XHD QuickPort Cassette, OM3 and OM4, LC (aqua)	E2XLC-AQU
	12-Fiber e2XHD QuickPort Cassette, OS2, LC (blue)	E2XLC-BLU
[G]	e2XHD Cassette, MTP-MTP passthrough, four key-up/key-down adapters	E2XHD-4MP
	e2XHD Cassette, MTP-MTP passthrough, four key-up/key-up adapters	E2XHD-4MB

Make-to-Order! e2XHD MTP FIBER CASSETTE OPTIONS

FIBER TYPE	FIBER COUNT	CONNECTOR TYPE	MTP FIBER COUNT	POLARITY
• OM3 • OM4 (aqua) • OM4+ (violet) • OS2	• 8 • 12 • 24	• LC • 8F MTP (female)	• 12F MTP • 24F MTP	• Method A • Method B, Core, black • Method B, Edge, white • Method C



FEATURED PRODUCTS

Enclosures **B38**

Adapter Plates **B41**

Splice Trays & Holders **B43**

Splice Sleeves & Enclosure Accessories **B44**

LightSpace® System

Leviton offers a wide range of enclosures designed to protect, manage, and organize fiber splices across various indoor and outdoor environments. Specifically designed to meet the requirements of service providers large and small, LightSpace enclosures are ideal for central-office, outside-plant, and fiber-to-the-premises applications.

A

B

C

KEY FEATURES

- Large cable management rings for enhanced jumper routing
- Front cable management saddles
- Side entry for backbone cable
- Constructed of high-strength aluminum, powder-coated central-office white
- Mounts on standard 19- and 23-inch racks and cabinets
- Accepts LightSpace adapter plates (See pages B41-B42.)

Make to order! leviton.com/configurator

RECOMMENDED APPLICATIONS:

Central Office or Head End, CLEC

19" and 23" Racks and Cabinets

DP SERIES OPTICAL DISTRIBUTION ENCLOSURES

- Removable front door
- Rear door with key lock option
- Upper and lower patch cord bend radius brackets

For assistance customizing your enclosures, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

DPS & DPC SERIES OPTICAL SPLICE ENCLOSURES

- Front accessibility to splice trays
- Removable front door with key lock option
- Rear door with key lock option
- Connector identification label

LIGHTSPACE DP OPTICAL DISTRIBUTION ENCLOSURES, STANDARD PART NUMBERS						
	DESCRIPTION	MAXIMUM CAPACITY				PART NO.
		FIBERS (USING LC)	ADAPTER PLATES	AND	SPLICE TRAYS*	
	3RU LightSpace DP-525 Enclosure, empty^	144	6		N/A	DP03U-STD
[A]	4RU LightSpace DP-700 Enclosure, empty^	288	12		N/A	DP04U-STD
	6RU LightSpace DP-105 Enclosure, empty°	288	12		N/A	DP06U-STD
LIGHTSPACE DPS OPTICAL SPLICE ENCLOSURES, STANDARD PART NUMBERS						
	3RU LightSpace DPS-525 Enclosure, empty	N/A	N/A		4	DPS3U-STD
[B]	4RU LightSpace DPS-700 Enclosure, empty	N/A	N/A		6	DPS4U-STD
	6RU LightSpace DPS-105 Enclosure, empty	N/A	N/A		12	DPS6U-STD
LIGHTSPACE DPC OPTICAL DISTRIBUTION & SPLICE ENCLOSURES, STANDARD PART NUMBERS						
	6RU LightSpace DPC-525 Enclosure, empty^	144	6		4	DPC6U-033
[C]	8RU LightSpace DPC-700 Enclosure, empty^	288	12		6	DPC8U-STD
	12RU LightSpace DPC-105 Enclosure, empty°	288	12		12	DPC12-066

* = Maximum splice tray capacity is limited by height of selected splice tray. See page X13 for splice tray dimension and selection guide.
^ = Accepts LightSpace (LGX® footprint) 6- or 8-pack adapter plates.
° = Accepts LightSpace 12-pack adapter plates.

A

B

C

LIGHTSPACE CPC SERIES CUSTOMER PREMISE ENCLOSURES

- Wide-swing radius doors provide full access during installation and maintenance
- Double doors with slam latches provide separation between service provider and customer
- Top or bottom cable entry
- Stackable, allowing for additional capacity
- Constructed of 16-gauge steel, powder-coated central-office white
- Accepts all Leviton splice trays
- Accepts LightSpace adapter plates (See pages B41-B42.)

RECOMMENDED APPLICATIONS:

Central Office or Head End, CLEC

Wall Mount

Make to order! leviton.com/configurator

LIGHTSPACE CPS SERIES CUSTOMER PREMISE SPLICE ENCLOSURES

- Single-fixed left-hinged door with wide-swing radius design for easy access
- Top or bottom cable entry
- Stackable, allowing for additional capacity
- Padlock provision
- Constructed of 16-gauge steel, powder-coated central-office white
- Accepts all Leviton splice trays

RECOMMENDED APPLICATIONS:

Central Office or Head End, CLEC

Enterprise

CPC CUSTOMER PREMISE ENCLOSURES, STANDARD PART NUMBERS					
DESCRIPTION		MAXIMUM CAPACITY			PART NO.
		FIBERS (USING LC)	ADAPTER PLATES AND	SPLICE TRAYS*	
[A]	LightSpace CPC-12 Enclosure, empty	48	2	4	CPC12-STD
[B]	LightSpace CPC-24 Enclosure, empty	96	4	4	CPC24-STD
	LightSpace CPC-48 Enclosure, empty	192	8	6	CPC48-STD
CPS CUSTOMER PREMISE SPLICE ENCLOSURES, STANDARD PART NUMBERS					
	LightSpace CPS-12 Enclosure, empty	N/A	N/A	4	CPS12-STD
	LightSpace CPS-24 Enclosure, empty	N/A	N/A	4	CPS24-STD
[C]	LightSpace CPS-48 Enclosure, empty	N/A	N/A	6	CPS48-STD

* = Maximum splice tray capacity is limited by height of selected splice tray. See page X13 for splice tray dimension and selection guide.

A

Pigtails, splice tray, and adapter plate sold separately. B

C

LIGHTSPACE NETWORK INTERFACE DEVICES (NIDS)

- 3500 and 502H models have upper-hinge doors
- 530 model has a left-hinge door
- 502H and 3500 models have padlock provision for added security
- All enclosures are custom configurable
- Unique hinging mechanism holds the door open for easy installation and servicing
- Accepts LightSpace adapter plates (See pages B41-B42.)
- Splice tray option available
- Ideal for MDUs or single-family home environments

Make to order! leviton.com/configurator

RECOMMENDED APPLICATIONS:

- Demarcation Point
- Telecommunications Room
- Equipment Room
- Wall Mount

NETWORK INTERFACE DEVICES (NID), STANDARD PART NUMBERS

DESCRIPTION		MAXIMUM CAPACITY					PART NO.
		FIBERS (USING LC)	ADAPTER PLATES	AND	SPLICE TRAYS*	OR MTP® CASSETTES	
[A]	LightSpace NID 3500, double doors, upper hinge, empty	12	1		1	N/A	N3500-STD
[B]	LightSpace NID 502H, single door, upper hinge, empty	12	1		1	N/A	N502H-STD
[C]	LightSpace NID 530, single door, left hinge, empty	8	0**		1	N/A	N5300-STD

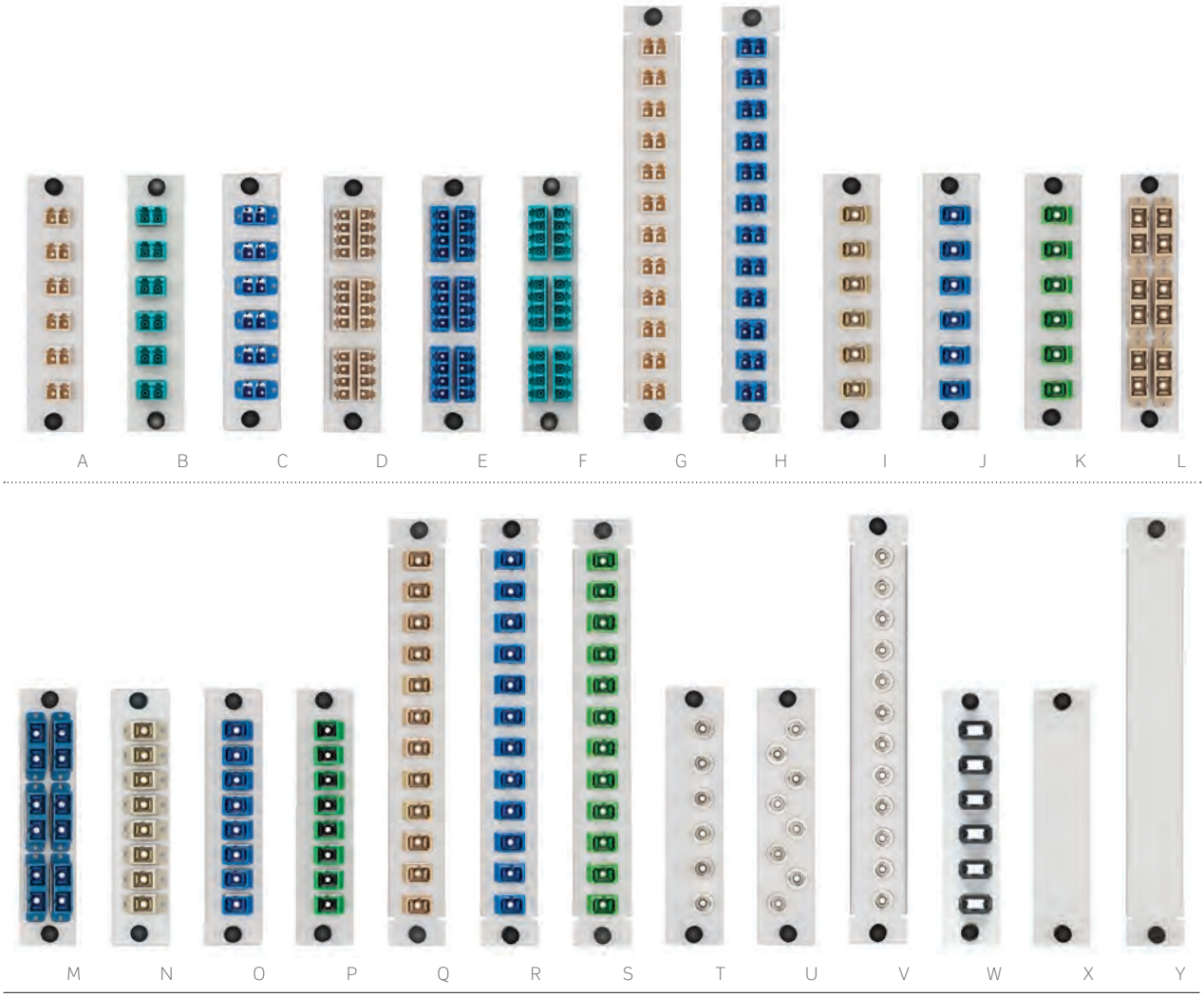
* = Accepts 12-fiber Mini-Molded Splice Tray T5PLS-12F (page B31).
** = Accepts 2 individual adapters (LC Duplex/SC Simplex).

Make-to-Order! NID OPTIONS

NID STYLE	ADAPTER PLATE SELECTION	FIBER TYPE	ADAPTER TYPE & PIGTAIL SELECTION	
• 502 • 350 • 530	• 6 fibers (ST, SC) • 8 fibers (ST, SC) • 12 fibers (SC, LC) • 2 fibers (SC, ST) • 4 fibers (SC, LC) • 8 fibers (LC) • None	• OM1 • OM2 • OM3 • OM4 (aqua) • OS2 • None	• LC • LC + pigtail • LC/APC • LC/APC + pigtail • SC • SC/APC • SC + pigtail • SC/APC + pigtail	• ST • ST + pigtail • None

For assistance customizing your NIDs, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

LIGHTSPACE® SYSTEM | Adapter Plates



LIGHTSPACE ADAPTER PLATES

- Industry-standard style (LGX® footprint) adapter plates fit in all LightSpace wall-mount and rack-mount enclosures, and NIDs
- Captive push/pull fasteners allow for quick, tool-free installation and removal
- Available in six, eight, and twelve packs
- Available in LC, SC, ST, and MTP®

LIGHTSPACE RACK-MOUNT ENCLOSURE FIBER DENSITY CHART

OPTICAL DISTRIBUTION ENCLOSURES		
DP/DPC 525	DP/DPC 700	DP/DPC 105
Holds up to six 6-pack or six 8-pack plates 6-Pack = up to 36 fibers 8-Pack = up to 48 fibers Duplex 6-Pack = up to 72 fibers Quad 6-Pack = up to 144 fibers	Holds up to twelve 6-pack or twelve 8-pack plates 6-Pack = up to 72 fibers 8-Pack = up to 96 fibers Duplex 6-Pack = up to 144 fibers Quad 6-Pack = up to 288 fibers	Holds up to twelve 12-pack plates 12-Pack = up to 288 fibers

LIGHTSPACE FIBER ADAPTER PLATES

	DESCRIPTION	PART NO.
[A]	12-Fiber LightSpace Adapter Plates, OM1 & OM2, Duplex LC (beige), phosphor bronze sleeve	APLW6-LDM
[B]	12-Fiber LightSpace Adapter Plates, OM3 & OM4, Duplex LC (aqua), zirconia ceramic sleeve*	APLW6-LDL
[C]	12-Fiber LightSpace Adapter Plates, OS2, Duplex LC (blue), zirconia ceramic sleeve	APLW6-LDS
[D]	24-Fiber LightSpace Adapter Plates, OM1 & OM2, Quad LC (beige), phosphor bronze sleeve*	APLW6-LQM
[E]	24-Fiber LightSpace Adapter Plates, OS2, Quad LC (blue), zirconia ceramic sleeve*	APLW6-LQS
[F]	24-Fiber LightSpace Adapter Plates, OM3 & OM4, Quad LC (aqua), zirconia ceramic sleeve*	APLW6-LQL
[G]	24-Fiber LightSpace Adapter Plates, OM1 & OM2, Duplex LC (beige), phosphor bronze sleeve (DP or DPC 105 Enclosure only)*	APL12-LDM
[H]	24-Fiber LightSpace Adapter Plates, OS2, Duplex LC (blue), zirconia ceramic sleeve (DP or DPC 105 Enclosure only)*	APL12-LDS
[I]	6-Fiber LightSpace Adapter Plates, OM1 & OM2, SC (beige), phosphor bronze sleeve	APLW6-SCM
[J]	6-Fiber LightSpace Adapter Plates, OS2, SC (blue), zirconia ceramic sleeve	APLW6-SCS
[K]	6-Fiber LightSpace Adapter Plates, OS2, SC/APC (green), zirconia ceramic sleeve	APLW6-SCA
[L]	12-Fiber LightSpace Adapter Plates, OM1 & OM2, Duplex SC (beige), phosphor bronze sleeve	APLW6-SDM
[M]	12-Fiber LightSpace Adapter Plates, OS2, Duplex SC (blue), zirconia ceramic sleeve	APLW6-SDS
	12-Fiber LightSpace Adapter Plates, OS2, Duplex SC/APC (green), zirconia ceramic sleeve*	APLW6-SDA
[N]	8-Fiber LightSpace Adapter Plates, OM1 & OM2, SC (beige), phosphor bronze sleeve*	APLW8-SCM
[O]	8-Fiber LightSpace Adapter Plates, OS2, SC (blue), zirconia ceramic sleeve*	APLW8-SCS
[P]	8-Fiber LightSpace Adapter Plates, OS2, SC/APC (green), zirconia ceramic sleeve*	APLW8-SCA
[Q]	12-Fiber LightSpace Adapter Plates, OM1 & OM2, SC (beige), phosphor bronze sleeve (DP or DPC 105 Enclosure only)*	APL12-SCM
[R]	12-Fiber LightSpace Adapter Plates, OS2, SC (blue), zirconia ceramic sleeve (DP or DPC 105 Enclosure only)*	APL12-SCS
[S]	12-Fiber LightSpace Adapter Plates, OS2, SC/APC (green), zirconia ceramic sleeve (DP or DPC 105 Enclosure only)*	APL12-SCA
	6-Fiber LightSpace Adapter Plates, ST, MM/SM, phosphor bronze sleeve	APLW6-STM
[T]	6-Fiber LightSpace Adapter Plates, ST, MM/SM, zirconia ceramic sleeve	APLW6-STS
[U]	8-Fiber LightSpace Adapter Plates, ST, MM/SM, phosphor bronze sleeve*	APLW8-STM
	8-Fiber LightSpace Adapter Plates, ST, MM/SM, zirconia ceramic sleeve*	APLW8-STS
	12-Fiber LightSpace Adapter Plates, ST (beige), MM/SM, phosphor bronze sleeve (DP or DPC 105 Enclosure only)*	APL12-STM
[V]	12-Fiber LightSpace Adapter Plates, ST, MM/SM, zirconia ceramic sleeve (DP or DPC 105 Enclosure only)*	APL12-STS
[W]	LightSpace Adapter Plates, 6 Simplex MTP®, key up/key down*	APLW6-6MP
[X]	LightSpace Adapter Plate, blank, metal	APLW6-BLK
[Y]	LightSpace Adapter Plates, blank (DP or DPC 105 Enclosure only)	APL12-BLK

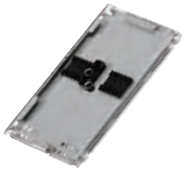
*** = Minimum order quantity and lead times may apply.**

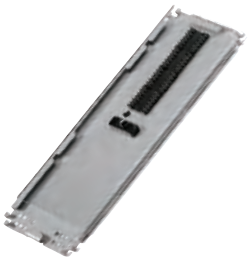
Additional adapter plate configurations available.
Please contact Tech Support at 800.824.3005 for more information.

LIGHTSPACE WALL-MOUNT ENCLOSURE FIBER DENSITY CHART

CUSTOMER PREMISE ENCLOSURES		
CPC-12	CPC-24	CPC-48
Holds up to two 6-pack or two 8-pack plates 6-Pack = up to 12 fibers 8-Pack = up to 16 fibers Duplex 6-Pack = up to 24 fibers Quad 6-Pack = up to 48 fibers	Holds up to four 6-pack or four 8-pack plates 6-Pack = up to 24 fibers 8-Pack = up to 32 fibers Duplex 6-Pack = up to 48 fibers Quad 6-Pack = up to 96 fibers	Holds up to eight 6-pack or eight 8-pack plates 6-Pack = up to 48 fibers 8-Pack = up to 64 fibers Duplex 6-Pack = up to 96 fibers Quad 6-Pack = up to 192 fibers

LIGHTSPACE® SYSTEM | Splice Trays & Holders


A


B

C

D

E

F

METAL SPLICE TRAYS

- Heat-shrink, heat-shrink foam, and bare-fusion styles available
- Mounting holes with space blocks prevent fiber damage
- Compatible with SDX and LightSpace enclosures
- Splice tray selector is available online at Leviton.com/configurator
- Heat-shrink fusion splice sleeves sold separately

SPLICE HOLDERS

- 6- and 12-fiber designs in foam and solid plastic options
- Mini, micro, and mechanical options available
- Styles accommodate the entire range of Leviton fusion splice sleeves

For assistance ordering your splice trays, visit Leviton.com/configurator or call Tech Support at 800.824.3005.

METAL SPLICE TRAYS				
	DESCRIPTION	HEAT SHRINK (PLASTIC)	HEAT SHRINK (FOAM)	BARE FUSION
[A]	12-Fiber LightSpace Mini Splice Tray, 4" W x 7" L x 0.35" H	T47HS-P06	—	T47BF-P06^
	12-Fiber LightSpace Mini Splice Tray, with standoff 4" W x 7" L x 0.57" H	5T000-00T	—	—
	12-Fiber LightSpace Standard Splice Tray, 4" W x 11.75" L x 0.35" H	T4LHS-P06	T4LHS-F06^	T4LBF-P06
[B]	24-Fiber LightSpace High-Density Splice Tray, 4" W x 11.75" L x 0.35" H	T4LHS-P12	T4LHS-F12^	T4LBF-P12
[C]	12-Fiber LightSpace Standard Splice Tray, 5" W x 11.75" L x 0.35" H	T5LHS-P06	T5LHS-F06^	T5LBF-P06
[D]	24-Fiber LightSpace High-Density Splice Tray, 5" W x 11.75" L x 0.35" H	T5LHS-B12	T5LHS-F12	T5LBF-P12^
RIBBON-STYLE SPLICE TRAYS				
	DESCRIPTION			PART NO.
	72-Fiber LightSpace Ribbon Style Splice Tray, quartz, 6" W x 10" L x 0.35" H			T6XRB-40Q
SPLICE TRAY MOUNTING HARDWARE				
[E]	LightSpace Splice Tray Mounting-Hardware Kit			SPLMT-HKT
SPLICE HOLDERS				
	6-Fiber LightSpace Splice Holder, heat shrink (black plastic)			FSHHS-P06
	8-Fiber LightSpace Splice Holder, heat shrink (black plastic)			FSHHS-P08
[F]	6-Fiber LightSpace Splice Holder, heat shrink (black foam)			FSHSL-F06
	6-Fiber LightSpace Splice Holder, mini sleeves (black foam)			FSHMI-F06
	6-Fiber LightSpace Splice Holder, micro sleeves (black foam)			FSHMR-F06
	12-Fiber LightSpace Splice Holder, bare fusion			FSHBF-P12
	6-Fiber LightSpace Splice Holder, heat shrink (LGX® footprint)			FSHAT-F06
	72-Fiber LightSpace Splice Holder, ribbon, 6 position			FSHRB-F06

^ = Minimum order quantity and lead times may apply.
Note: Splice tray mounting hardware sold separately except as noted. Additional configurations available including mechanical splice. Contact Inside Sales at 800.722.2082 for more information.

A

B

C

D

E

F

G

H

FUSION SPLICE SLEEVES

- Standard 40 mm and 60 mm sizes, plus mini and micro sleeves for smaller trays and fibers
- Precise lengths free of all burrs and sharp edges
- Clear outer tube for viewing fiber color

LIGHTSPACE ENCLOSURE ACCESSORIES

Select cable clamp kits, key locks, strain-relief options, or grounding solutions.

FUSION SPLICE SLEEVES						
DESCRIPTION		STANDARD 50/PACK	SLIM 100/PACK	MINI 100/PACK	MICRO 100/PACK	RIBBON 25/PACK
LightSpace Fusion Splice Sleeve, 60 mm	[A]	FSSSD-060	FSSSL-060	—	—	—
LightSpace Fusion Splice Sleeve, 40 mm		FSSSD-040	FSSSL-040	FSSMI-040	FSSMR-040	—
LightSpace Fusion Splice Sleeve, 25 mm		—	—	FSSMI-025	FSSMR-025	—
LightSpace Fusion Splice Sleeve, quartz, 40 mm		—	—	—	—	FSSRB-P40

LIGHTSPACE DP, DPS & DPC SERIES ACCESSORIES		
	DESCRIPTION	PART NO.
[B]	LightSpace Cable Clamp Kit (.25"-1.25" diameter)	DPCMP-UNV
[C]	LightSpace Key Lock Kit	DPLOK-KIT
[D]	LightSpace Grounding Kit	DPGRD-KIT

LIGHTSPACE CPC & CPS SERIES ACCESSORIES		
	DESCRIPTION	PART NO.
[E]	LightSpace Cable Clamp Kit (.25"-.50" diameter cable), use with CPC/CPS 12/24/48	CPCSR-001
[F]	LightSpace Cable Clamp Kit (.50"-.75" diameter cable), use with CPC/CPS 24/48	CPCSR-002
[G]	LightSpace Key Lock Kit	CPLOK-KIT
[H]	LightSpace Grounding Kit, single cable	CPGRD-KIT

SPLICE TRAY	RECOMMENDED SPLICE SLEEVE
T47HS-P06	FSSSD-040
T47BF-P06	FSSSD-040
5T000-00T	FSSSD-040
T4LHS-P06	FSSSD-060
T4LHS-F06	FSSSD-060
T4LBF-P06	FSSSD-060

SPLICE TRAY	RECOMMENDED SPLICE SLEEVE
T4LHS-P12	FSSSD-040
T4LHS-F12	FSSSD-040
T4LBF-P12	FSSSD-040
T5LHS-P06	FSSSD-060
T5LHS-F06	FSSSD-060

SPLICE TRAY	RECOMMENDED SPLICE SLEEVE
T5LBF-P06	FSSSD-060
T5LHS-B12	FSSSD-040
T5LHS-F12	FSSSD-040
T5LBF-P12	FSSSD-040
T6XRB-40Q	FSSRB-P40

FEATURED PRODUCTS

Flush-Mount Enclosures & Panels **B46**

Flush-Mount Enclosures & Panels

Leviton high-density Flush-Mount Enclosures and Panels are ideal for data center server, zone, or MDA cabinet applications where space is crucial. These enclosures utilize MTP® connections on the back with choice of fiber connectors on the front, or can be pre-assembled with harnesses. Panels can accommodate up to 576 multimode or single-mode fibers, depending on connector style, and mount on standard 19-inch racks and cabinets.

1RU Enclosure, 48-fiber OM3, MTP®-LC, front and rear

1RU Panel, 72-fiber OM3, LC

1RU Panel, 72-fiber, OS2, MU

HIGH-DENSITY FLUSH-MOUNT ENCLOSURES & PANELS

- Staggered, ergonomic design allows easy access to connectors
- Incorporates logical port management (LPM) using custom silk-screening (modular, numeric, and hexadecimal) for easy port identification
- Constructed of 16-gauge steel, powder-coated black
- Panel mounts on standard 19-inch racks and cabinets
- Accepts 1RU Patch Cord Management Tray (5R1UL-CMT)
- Larger enclosures (up to 10RU) are available, contact Inside Sales to order

Make to order! leviton.com/configurator

RECOMMENDED APPLICATIONS:

Data Center Server, Zone, or MDA

Equipment Room

Telecommunications Room

19" Racks and Cabinets

FLUSH-MOUNT ENCLOSURE & PANEL DENSITY, MAXIMUM FIBER COUNT

SIZE/TYPE	MTP	LC	SC	ST
1RU Panel/Enclosure	576	96	72	72

Make-to-Order! FLUSH-MOUNT ENCLOSURE & PANEL (1RU ONLY) OPTIONS

FIBER TYPE	FIBER COUNT	CONNECTOR TYPE	MTP FIBER COUNT	FOOTPRINT	COLOR	POLARITY
• OM1 • OM2 • OM3 • OM4 (aqua) • OS2	• 24 • 36 • 48 • 72 • 96 • 144 (MTP) • 288 (MTP) • 576 (MTP)	• LC • LC w/shutters • LC/APC • LC/APC w/ shutters • MTP • SC • ST • MU	• 12 • None	• 1RU Rack Mount	• Black (standard) • Beige (1RU panel only)	• A-A • A-B • None (panels only)

For assistance customizing your enclosures and panels, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

SPOTLIGHT Patch Cord Management Tray

The Patch Cord Management Tray provides convenient routing and protection using the same rack-unit space as the enclosure. It can also be used with any Leviton 1RU Flush-Mount MTP to LC enclosure. See page B32.

FEATURED PRODUCTS

Vertical Patching Brackets & Blade Replicators **B48**

Replicator® Enclosures **B49**

100/40G to 10G Conversion **B50**

Equipment-Specific Solutions

Leviton works closely with the biggest names in active network equipment to create scalable, high-density data center networks. When combined with the latest data center switches from Arista, Brocade, Cisco, and Extreme Networks, Leviton connectivity provides design flexibility for your equipment architecture. These solutions include conversion harnesses and cassettes that break out 40GbE or 100GbE connections into individual 10GbE channels.

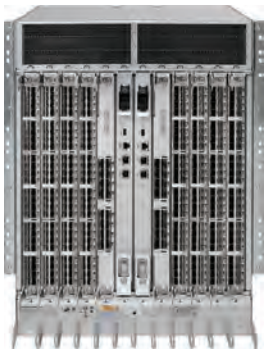
A

B

C

D

Brocade DXC8510



Courtesy of Brocade
Unauthorized use not permitted

VERTICAL PATCHING BRACKETS

- Enable vertical mounting in a 19-inch rack
- Align or replicate patch panel or adapter plate ports with the ports that reside on servers or switches within the same or adjacent rack or cabinet
- 48-port copper panels replicate typical 1G/10G copper switch blades
- 32, 48, and 64 fiber ports replicate typical fiber switch blades
- Up to ten 1RU copper/fiber patch panels and cable managers can be mounted vertically utilizing 10RU space

BLADE REPLICATORS

- Replicators provide one-to-one Logical Port Management (LPM) replication for the high-density blade fiber switches
- Blade Replicator supports switches and directors from Cisco, Brocade, Arista, and Extreme
- Mounting can be done horizontally or vertically using Leviton Vertical Patching Brackets
- Blade Replicator supports 32-, 48-, and 64-ports per blade
- Replicator kits simplify ordering: Kits can include the replicated patch panel, associated trunks, MTP® panels, and harnesses

VERTICAL PATCHING BRACKETS		
DESCRIPTION		PART NO.
[A]	Vertical Patching Bracket, 19" (Two Pieces Required)	VERPB-019
BLADE REPLICATORS		
[B]	32-Port Blade, LC	RPL-xxxx32PLC*
[C]	48-Port Blade, LC	RPL-xxxx48PLC*
[D]	64-Port Blade, LC	RPL-BRCD64PLC*

xxxx = For Arista Switch (ASTA), Brocade Switch (BRCD), Cisco Switch (CSCO), Extreme Switch (EXTM).
* = Fiber type: OM3 = 3, OM4 = 4.

For assistance customizing your replicator, please call 800.722.2082.

EQUIPMENT-SPECIFIC SOLUTIONS | Replicator® Enclosures

REPL-BRDE2400-LCMTP096OM3C:
Brocade 12/24k Replicator 8RU Enclosure,
96 channel, MTP® to LC, OM3, Fiber

REPL-CSCO9513-LCMTP576OM3C:
Cisco 9513 Replicator 8RU Enclosure, Beige,
288 channel, MTP to LC, OM3, Fiber

Cisco MDS 9513

Courtesy of Cisco Systems, Inc.
Unauthorized use not permitted

McDATA Switch C

McDATA Switch D

Z9 IBM E

Z9 IBM F

IBM Z9 & 196 G

REPLICATOR ENCLOSURES

- Can be configured to replicate any switch, using unique logical port management (LPM) design
- Kits available with trunks, MTP panels, and harnesses
- Full front access to all terminations via fold-down panel
- Shallow depth allows back-to-back mounting in cabinets and 4-post racks for high-density applications
- Up to 384-channel capacity (768 fiber strands)
- Available with LC and MU connector interfaces

For assistance customizing your replicator, please call 800.722.2082.

MTP BRACKETS FOR MAINFRAME SOLUTIONS

- Mount to back rail (right or left side) of racks and cabinets, freeing up valuable space
- Provide direct connection to the mainframe using trunk cables and MTP harnesses
- Available with shutters

REPLICATOR ENCLOSURES	
DESCRIPTION	PART NO.
6-Blade, 48-Port Cisco Replicator, LC (aqua), no internal harness	FP8-E576CN190N-C
6-Blade, 48-Port Cisco Replicator, LC (blue), no internal harness	FP8-A576CN190N-S
6-Blade, 48-Port Cisco Replicator, LC (aqua), with OM3 internal harness	FP8-E576CA190N-A
8-Blade, 48-Port Brocade Replicator, LC (aqua), no internal harness	FP10-E384CN190N-C
8-Blade, 48-Port Brocade Replicator, LC (blue), no internal harness	FP10-A384CN190N-C
8-Blade, 48-Port Brocade Replicator, LC (aqua), with OM3 internal harness	FP10-E384CA190N-C

MTP BRACKETS FOR MAINFRAME				
DESCRIPTION	6 MTP ADAPTERS	9 MTP ADAPTERS	10 MTP ADAPTERS	12 MTP ADAPTERS
Straight Bracket with Adapters*	**[C]** FB106-0ST	FB109-0ST	—	—
90° Angled Bracket with Adapters*	FB106-090	**[D]** FB109-090	—	—
Standard 12 MTP-Adapter Bracket*	—	—	—	**[E]** FB112-000
Straight Vertical MTP Bracket*	—	—	**[F]** FB110-VST	—
45° Angled MTP Bracket, left-hand mount*	—	—	—	**[G]** FB112-L45
45° Angled MTP Bracket, right-hand mount*	—	—	—	FB112-045

*** = Minimum order quantity and lead times may apply.**

120G-TO-10G & 40G-TO-10G CONVERSION CASSETTES

- For 40G to 10G channels connecting QSFP+ to SFP+ transceivers
- For 120G to 10G channels connecting MXP ports to SFP+ transceivers
- Low-loss MTP® connector 0.35dB Max IL; LC connector at 0.15dB typical IL
- Bend-insensitive fiber lowers risk for pinched cables
- Compatible with reversing polarity LC Uniboot patch cords
- Includes options for HDX and e2XHD systems

40G-TO-10G CONVERSION FIBER HARNESSES

Make to order! leviton.com/configurator

- For channels connecting QSFP+ to SFP+ transceivers
- Small diameter cable for dense connectivity
- Uses bend-insensitive fiber; lowers risk for pinched cables
- Available with optional reversing polarity LC Uniboot
- Low-loss MTP connector 0.35dB Max IL
- Includes options for HDX and e2XHD systems

CONVERSION CASSETTES

	DESCRIPTION	PART NO.
	8-Fiber e2XHD Conversion Cassette, 40G to 10G OM3, MTP-LC*	FME2XHD-E008CKQDJ
[A]	8-Fiber e2XHD Conversion Cassette, 40G to 10G OM4, MTP-LC*	FME2XHD-F008CKQDJ
	8-Fiber e2XHD Conversion Cassette, 40G to 10G OS2, MTP-LC*	FME2XHD-A008CKQDJ
	8-Fiber HDX Conversion Cassette, 40G to 10G OM3, MTP-LC*	38LM1-1AE
[B]	8-Fiber HDX Conversion Cassette, 40G to 10G OM4, MTP-LC*	48LM1-1AE
	8-Fiber HDX Conversion Cassette, 40G to 10G OS2, MTP-LC*	U8LM1-1AE
	24-Fiber e2XHD Conversion Cassette, 120G to 10G OM3, MTP-LC*	FME2XHD-E024CHQES4
[C]	24-Fiber e2XHD Conversion Cassette, 120G to 10G OM4, MTP-LC*	FME2XHD-F024CHQES4
	24-Fiber e2XHD Conversion Cassette, 120G to 10G OS2, MTP-LC*	FME2XHD-A024CHQES4

*** = Minimum order quantity and lead times may apply.**

Make-to-Order! OPT-X UNITY CONVERSION FIBER HARNESSES

FIBER TYPE	FIBER COUNT	CONNECTOR 1ST END (MTP)	CONNECTORS 2ND END	CABLE LENGTH	BREAKOUT LENGTH (INCHES)
• OM3 • OM4 (aqua) • OM4+ (violet) • OS2	• 8 • 24	• Male • Female	• LC • Uniboot LC	• Custom lengths in feet and meters	• 12-48 • Other

For assistance customizing your harnesses, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

FEATURED PRODUCTS

Opt-X® Unity 40/100G System **B53**

Pre-Terminated Trunk Cables **B53**

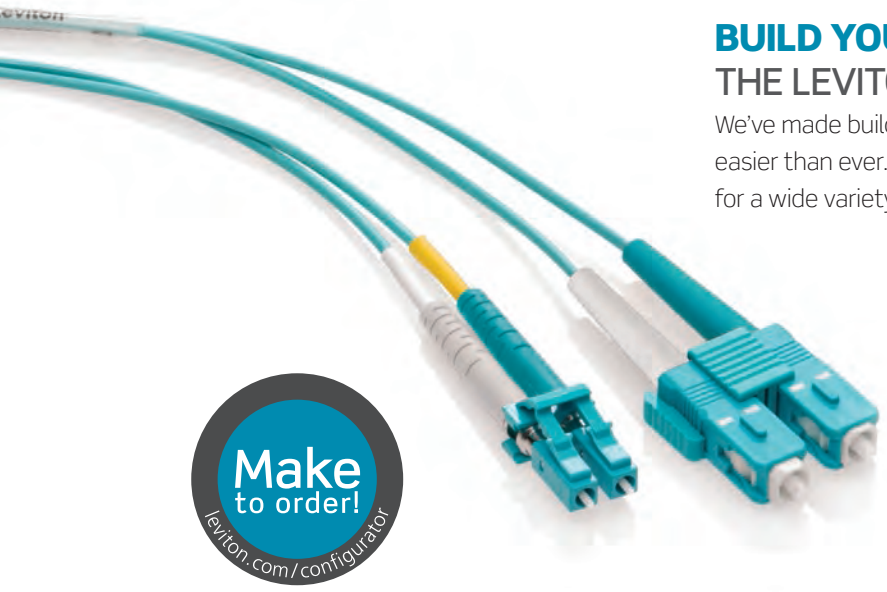
Harnesses **B57**

Array Cords **B60**

Premium & Economy Fiber Optic Cable Assemblies **B61**

Pre-Terminated Cable Assemblies

Simplify fiber connection and termination with Leviton cable assemblies. Take advantage of our Secure Keyed LC and Opt-X Unity 40/100G assemblies to protect and future-proof your critical networks. Pre-terminated trunk cables and harnesses, plus multimode, single-mode, and pigtail assemblies are all made to customer specifications. Choose cable type, connector combinations, length, mode, and more. Configure online at Leviton.com/configurator.



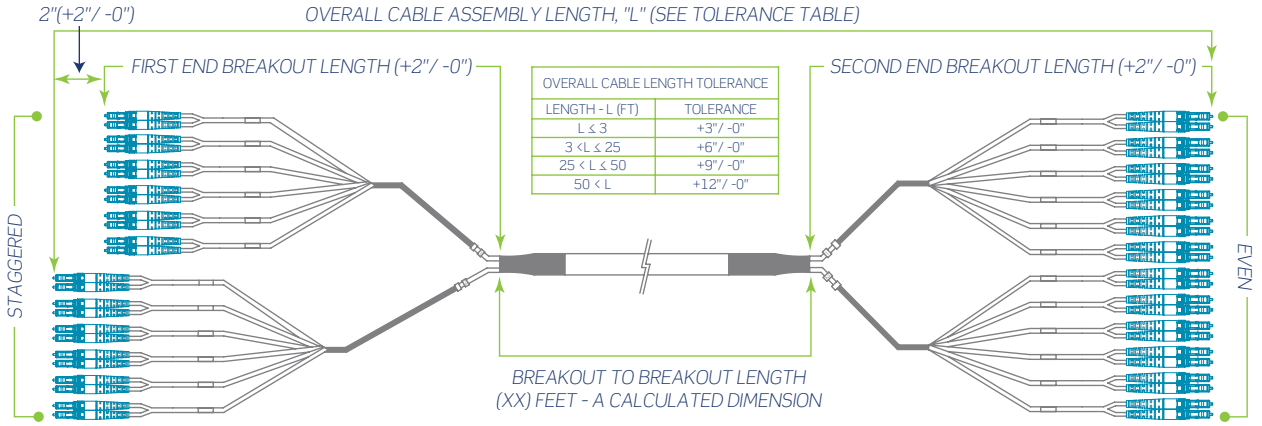
BUILD YOUR OWN PRODUCTS WITH THE LEVITON MAKE-TO-ORDER PROGRAM

We've made building the exact solution for your network quicker and easier than ever. Rely on our innovative online custom configurators for a wide variety of fiber and copper products.

MAKE-TO-ORDER CABLE ASSEMBLIES

- Pre-Terminated Fiber Trunks
- Fiber MTP® Harnesses
- Secure Keyed LC Cable Assemblies
- Fiber Optic Patch Cords
- Pigtails

FIBER TRUNK CABLE DIAGRAM (CUSTOMIZE AT LEVITON.COM/CONFIGURATOR)



OVERALL CABLE LENGTH TOLERANCE	
LENGTH - L (FT)	TOLERANCE
L ≤ 3	+3"/ -0"
3 <L ≤ 25	+6"/ -0"
25 < L ≤ 50	+9"/ -0"
50 < L	+12"/ -0"

Our engineers can also work with you to design and manufacture a solution that meets your specific application needs. For questions or assistance configuring your products, please call Network Solutions Tech Support at **800.824.3005.**

SPOTLIGHT OM4+ Premium Violet System

With the increasing demand for 40GbE and 100GbE, more data centers are choosing OM4+ performance for better bandwidth and link distances. The new Leviton OM4+ Premium Violet System offers the best chance to future-proof data center cabling infrastructure, with the ability to transmit 40/100GbE signals out to an unprecedented 300 meters when using standard 40GBASE-SR4 or 100GBASE-SR10 transceivers. The OM4+ system components — including violet trunk cables, harnesses, patch cords, MTP® cassettes, and adapter plates — create the first violet end-to-end solution in the industry.

PRE-TERMINATED CABLE ASSEMBLIES | Pre-Term. Trunk Cables > Opt-X® Unity 40/100G

MTP®-MTP (2x12)

Connector detail

MTP-MTP (1x24)

New

MTP-MTP (1x24) (Violet OM4+)

OPT-X UNITY 40/100G PRE-TERMINATED TRUNK CABLES

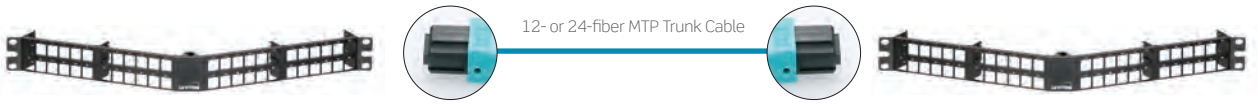
- MTP-to-MTP trunk cables support 40/100G speeds
- Terminations available in 8-, 12-, and 24-fiber configurations
- Migration solution to 40/100G from existing 10G networks with premium 12-fiber MTP trunk configuration
- Up to 70% faster install than field-terminated trunks
- MTP polarity options are TIA methods A, B, or C (Method B is standard)
- 100 percent factory tested, with test results included for each assembly
- All assemblies labeled with serial number and length for traceability and easy re-order

Make to order! leviton.com/configurator

See page B8 for Opt-X Unity 40/100G system overview.

CONNECTOR MATED PAIRS	MULTIMODE					SINGLE-MODE		
	DUPLEX TYPICAL IL	DUPLEX MAX IL	12-FIBER STANDARD TYPICAL IL	12-FIBER STANDARD MAX IL	12- & 24-FIBER PREMIUM MAX IL	STANDARD TYPICAL IL	STANDARD MAX IL	12- & 24-FIBER PREMIUM MAX IL
LC	0.15	0.25	—	—	—	0.25	0.35	—
MTP	—	—	0.35	0.50	0.35	—	0.75	0.35

SPOTLIGHT Migration Path to 40G & 100G



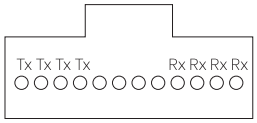
Leviton pre-terminated MTP solutions offer an ideal migration path from 10G to 40G and 100G channels. The Opt-X Unity 40/100G system features MTP trunks, harnesses, array cords, adapter plates, and cassettes to help future-proof your networks. The Opt-X Unity system is fully compatible with UHDX, HDX, SDX, and e2XHD (shown) footprints.

10G
Leviton components for a 10G channel include MTP-LC SDX, e2XHD, or HDX cassettes, and LC duplex patch cords.

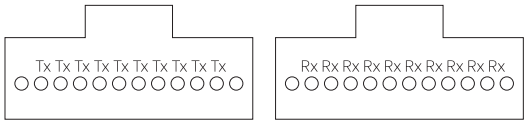
40G
Migration from 10G to a 40G system replaces LC with MTP components, such as 2x12-fiber to 3x8-fiber MTP cassettes and 8-fiber MTP array cords.

100G
Moving from 40G to 100G replaces MTP cassettes with MTP adapter plates and uses 24-fiber MTP array cords.

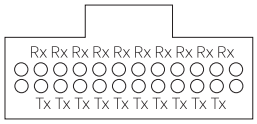
MTP® LANE ASSIGNMENTS FOR 40/100G



40GBASE-SR4, 8-fiber MTP
100GBASE-SR4, 8-fiber MTP



100GBASE-SR10, 2x12-fiber MTPs



100GBASE-SR10, 24-fiber MTP

NOTE: Per IEEE 802.3ba and 802.3bm

COLOR-CODED BOOTS ON MTP

Red - 24 Fiber

Aqua - 12 Fiber

Grey - 8 Fiber

OPT-X UNITY 40/100G MTP TRUNKS, STANDARD EXAMPLE PART NUMBERS

DESCRIPTION	PART NO.
24-Fiber, OM3, 24F MTP - 24F MTP, MDP Plenum, 50 feet, pulling eye	FT-EM024JJ050F38C38CY-NNBS
24-Fiber, OM4, 24F MTP - 24F MTP, MDP Plenum, 50 feet, pulling eye	FT-FM024JJ050F38C38CY-NNBS
48-Fiber, OM3, 24F MTP - 24F MTP, MDP Plenum, 50 feet, pulling eye	FT-EM048JJ050F38C38CY-NNBS
48-Fiber, OM4, 24F MTP - 24F MTP, MDP Plenum, 50 feet, pulling eye	FT-FM048JJ050F38C38CY-NNBS
144-Fiber, OM3, 24F MTP - 24F MTP, MDP Plenum, 50 feet, pulling eye	FT-EM144JJ050F38C38CY-NNBS
144-Fiber, OM4, 24F MTP - 24F MTP, MDP Plenum, 50 feet, pulling eye	FT-FM144JJ050F38C38CY-NNBS

Make-to-Order! OPT-X UNITY 40/100G MTP TRUNK CABLE OPTIONS

FIBER TYPE	CABLE TYPE	FIBER COUNT	TERMINATION	CABLE LENGTH	BREAKOUT LENGTH (INCHES)	BREAKOUT LEG TYPE FIRST- & SECOND-END TERMINATION	PULLING EYE	1ST & 2ND END STAGGER	POLARITY	LABELING
• OM3 • OM4 (aqua) • OM4+ (violet)	• MDP Plenum • MDP Plenum Armor • Plenum I/O Dry Loose Tube (standard) • Plenum Armor I/O Dry Loose Tube • Riser I/O Dry Loose Tube • LSZH I/O Dry Loose Tube	• 12 • 24 • 36 • 48 • 72 • 96 • 144	**FIRST END** • 24 F MTP (male) • 24 F MTP (female) STD • Premium 12 F MTP (male) • Premium 12 F MTP (female) STD **SECOND END** • 24 F MTP (male) • 24 F MTP (female) STD • Premium 12 F MTP (male) • Premium 12 F MTP (female) STD	• 10-984 ft • 3-300 m	• 12-99 (38" typical)	• 3-mm Jacketed 12-Fiber • 3.8-mm Jacketed 24-Fiber	• Yes • No	• Yes • No	• MTP Method A • MTP Method B (standard) • MTP Method C	• Standard • Custom

For assistance customizing your Opt-X Unity trunks, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

PRE-TERMINATED CABLE ASSEMBLIES | Pre-Terminated Trunk Cables > Standard

LC-LC

MTP®-LC

PRE-TERMINATED TRUNK CABLES

- Up to 70% faster install than field-terminated trunks
- Discrete connectors are heat cured and use ceramic ferrules and sleeves for optimal performance
- Optional pulling eye protects connectors and eases installation
- Available in LC, SC, ST, MU, and MTP
- MTP polarity options are TIA methods A, B, or C
- 100 percent factory tested, with test results included for each assembly
- All assemblies labeled with serial number and length for traceability and easy re-order

Make to order! leviton.com/configurator

PRE-TERMINATED TRUNK CABLES, STANDARD EXAMPLE PART NUMBERS

DESCRIPTION	PART NO.
LC-LC, 12-fiber, OM3, MDP Plenum Aqua, 50 feet, pulling eye, Method A-B	FT-EM012RR050F38B38BY-NNBS
LC-LC, 12-fiber, OM4, MDP Plenum Aqua, 50 feet, pulling eye, Method A-B	FT-FM012RR050F38B38BY-NNBS
LC-LC, 12-fiber, OM4+, MDP Plenum Violet, 50 feet, pulling eye, Method A-B	FT-GM012RR050F38B38BY-NNBS
LC-LC, 24-fiber, OM3, MDP Plenum Aqua, 50 feet, pulling eye, Method A-B	FT-EM024RR050F38B38BY-NNBS
LC-LC, 24-fiber, OM4, MDP Plenum Aqua, 50 feet, pulling eye, Method A-B	FT-FM024RR050F38B38BY-NNBS
LC-LC, 24-fiber, OM4+, MDP Plenum Violet, 50 feet, pulling eye, Method A-B	FT-GM024RR050F38B38BY-NNBS
MTP-MTP, 12-fiber, OM3, MDP Plenum Aqua, 50 feet, pulling eye, Method B	FT-EM012SS050F38B38BY-NNCS
MTP-MTP, 12-fiber, OM4, MDP Plenum Aqua, 50 feet, pulling eye, Method B	FT-FM012SS050F38B38BY-NNCS
MTP-MTP, 12-fiber, OM4+, MDP Plenum Violet, 50 feet, pulling eye, Method B	FT-GM012SS050F38B38BY-NNCS

Make-to-Order! PRE-TERMINATED TRUNK CABLE OPTIONS

FIBER TYPE	CABLE TYPE	FIBER COUNT	TERMINATION	CABLE LENGTH (FEET)	BREAKOUT LENGTH (INCHES)	BREAKOUT-LEG TYPE FIRST- & SECOND-END TERMINATION	POLARITY	LABELING
• OM1 • OM2 • OM3 • OM4 (aqua) • OM4+ (violet) • OS2	• Riser I/O Dry Loose Tube • Plenum I/O Dry Loose Tube (standard) • Plenum Armor I/O Dry Loose Tube • Riser Distribution • Plenum Distribution • LSZH I/O Dry Loose Tube • MDP Plenum • MDP Plenum Armor	• 4 • 6 • 12 • 24 • 36 • 48 • 72 • 96 • 144	• LC (duplex clips) • LC/APC • LC (uniboot) • SC • SC/APC • ST • MU • 12-fiber MTP (female) • 12-fiber MTP (male) • Pigtail • FC • FC/APC • MTRJ (female) • MTRJ (male)	• 1-999 • 10-999	• 12-99 (36" is typical)	**FIRST END** • 900 µm buffered fiber (for SC, ST, LC, MU) • 2 mm jacketed fiber (for LC, SC, MU) • 3 mm jacketed fiber (for SC, ST, LC, MTP) **SECOND END** • 900 µm buffered fiber (for LC, SC, ST, MU) • 2 mm jacketed fiber (for LC, SC, MU) • 3 mm jacketed fiber (for LC, SC, ST, MTP) • None	• MTP Method A • MTP Method B • MTP Method C • A-A • A-B	• Standard • Custom

For assistance customizing your trunk cables, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

Secure Keyed LC to Secure Keyed LC
12-fiber, 50/125 µm

PRE-TERMINATED SECURE KEYED LC TRUNK CABLES

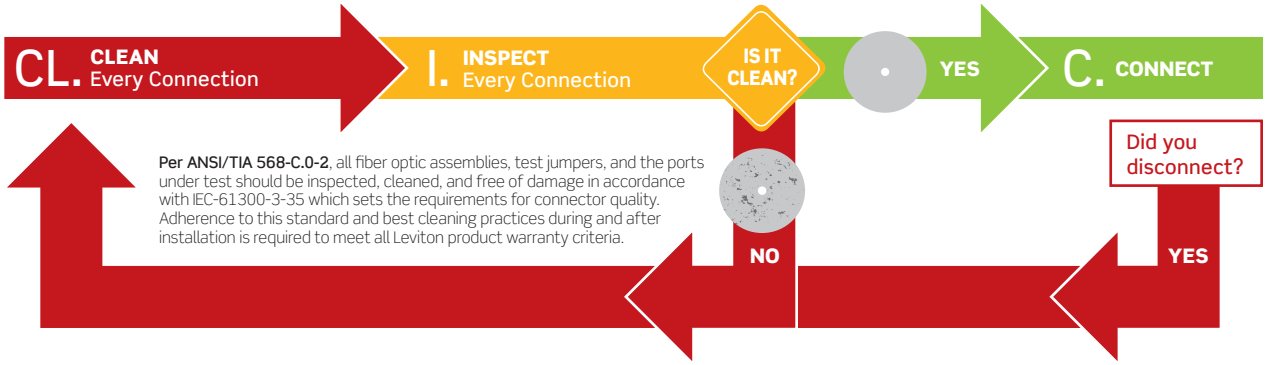
- Locking design prevents unauthorized and inadvertent moves, adds, and changes (MACs)
- Duplex LC connectors can only be removed with matching-color extraction tool
- Choose from eight colors to segregate and secure networks
- Duplex LC connectors plug into any industry-compliant LC adapter or interface
- Standard polarity: A-B or MTP® Method C; others available
- Standard breakout lengths can be staggered for better cable routing and management
- Trunks over 125 feet long are shipped on spools, or upon request for shorter lengths
- Pulling eye option available

SECURE KEYED LC FIBER TRUNK CABLE OPTIONS

KEYED COLOR	FIBER TYPE	CABLE TYPE	FIBER COUNT	TERMINATION	CABLE LENGTH (FEET)	1ST & 2ND BREAKOUT (INCHES)	BREAKOUT LEG	POLARITY	LABELING
• White • Yellow • Orange • Red • Blue • Green • Slate • Black	• OM1 • OM2 • OM3 • OM4 (aqua)	• Riser I/O Dry Loose Tube • Plenum I/O Dry Loose Tube (standard) • Plenum Armor I/O Dry Loose Tube • Riser Distribution • Plenum Distribution	• 4 • 6 • 12 • 24 • 36 • 48 • 72 • 96 • 144	**FIRST END** • Secure Keyed LC Duplex (uniboot) **SECOND END** • LC (duplex clip) • LC/APC • LC Duplex (uniboot) • SC (duplex clip) • SC/APC • ST • MU • Secured Keyed LC • MTP (female) • MTP (male) • Pigtail	• 1-999	• 12-99 (38" is typical)	• 900 µm buffered fiber • 2 mm jacketed fiber • 3 mm jacketed fiber	• MTP Method A • MTP Method B • MTP Method C	• Standard • Custom

For assistance customizing your trunk cables, please call Tech Support at 800.824.3005.

SPOTLIGHT Before you Connect – CL.I.C.



PRE-TERMINATED CABLE ASSEMBLIES | MTP® Array Harnesses > Opt-X® Unity 40/100G

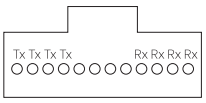
24-fiber MTP to 2x12-Fiber MTP
50/125 µm LOMM

24-fiber MTP to 3x8-Fiber MTP
50/125 µm LOMM

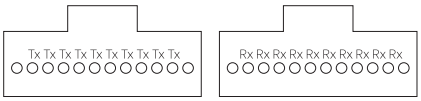
2x12-fiber MTP to 3x8-Fiber MTPs
50/125 µm LOMM

OPT-X UNITY 40/100G MTP ARRAY HARNESSES

- For use in attaching directly to 40/100G transceivers
- Pre-terminated MTP-to-MTP connectors in laser-optimized multimode
- MTP Extender Tab option for high-density applications
- Custom short-length cable for cabinet/rack patching
- Custom staggering available
- MTP polarity options are TIA method A, B, or C (Method B is standard)
- Used in conjunction with MTP brackets (Zero-U) or adapter plates
- 100 percent factory tested, with test results included for each assembly
- All assemblies labeled with serial number and length for traceability and easy re-order
- Color-coded boots

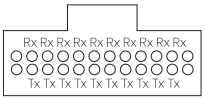


40GBASE-SR4, 8-fiber MTP
100GBASE-SR4, 8-fiber MTP



100GBASE-SR10, 2x12-fiber MTPs

Make to order! leviton.com/configurator



100GBASE-SR10, 24-fiber MTP

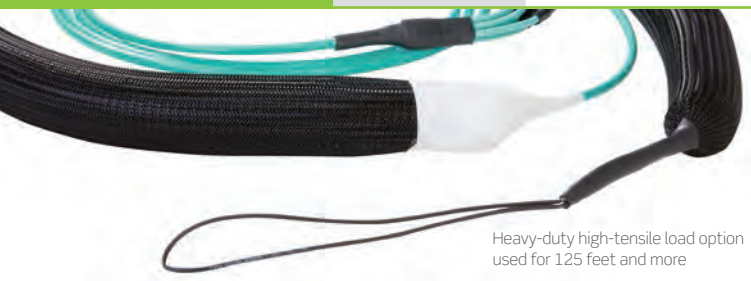
NOTE: Per IEEE802.3ba

Make-to-Order! OPT-X UNITY 40/100G MTP ARRAY HARNESS OPTIONS

FIBER TYPE	CABLE TYPE	FIBER COUNT	TERMINATION	CABLE LENGTH (FEET)	BREAKOUT LENGTH (INCHES)	POLARITY	LOCATION
• OM3 • OM4 (aqua) • OM4+ (violet)	• Harness	• 24	**FIRST END** • 24 F MTP (male) • 24 F MTP (female) • Premium 12 F MTP (male) • Premium 12 F MTP (female) **SECOND END** • Premium 24 F MTP (male) • Premium 24 F MTP (female) • Premium 12 F MTP (male) • Premium 12 F MTP (female) • Premium 8 F MTP (female) • LC Duplex with clips • LC Uniboot	• 3-33 • Other	• 1-48	• MTP Method A • MTP Method B (standard) • MTP Method C	• Core • Edge

For assistance customizing your harnesses, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

SPOTLIGHT Pulling Eye

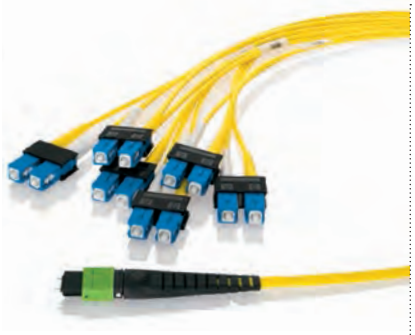


Heavy-duty high-tensile load option used for 125 feet and more

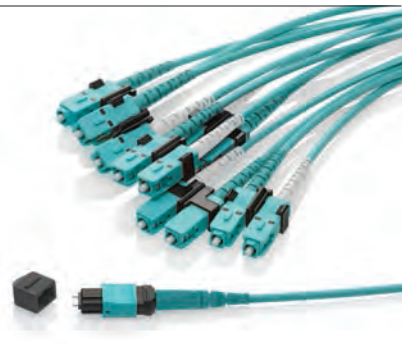
The pulling eye protects fiber connectors on 12- through 144-fiber trunk cables. It completely covers the breakout length, transferring any pulling force from the assembly to the pulling eye sleeve. Customers can specify which end to have the pulling eye installed.

Also available: a high-tensile load option that attaches to Kevlar®.

MTP®-LC, LOMM



MTP-SC, SM



MTP-SC, LOMM

HARNESSES

Make to order! leviton.com/configurator

- Pre-terminated MTP-to-discrete connectors (LC, SC, ST, MU) in all fiber types
- Custom short-length cable reduces congestion in cabinet or rack patching applications
- Custom staggering available
- Straight polarity configuration
- Used in conjunction with MTP brackets (Zero-U) or Flush-Mount Series MTP 1RU panels
- Used as direct connect into SAN equipment
- 100 percent factory tested, with test results included for each assembly
- All assemblies labeled with serial number and length for traceability and easy re-order
- Small diameter cable for dense connectivity
- Available with optional reversing polarity LC Uniboot

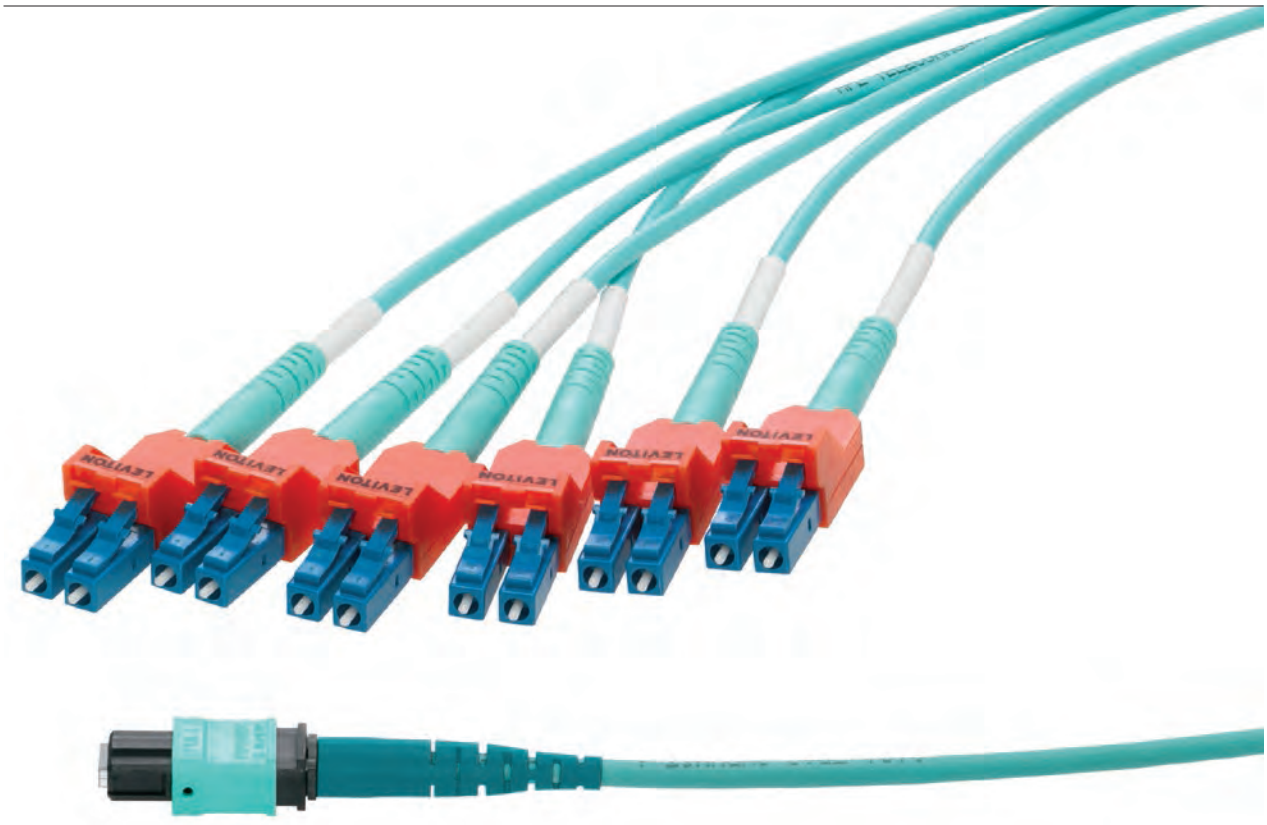
Make-to-Order! HARNESS OPTIONS

FIBER TYPE	CABLE TYPE	FIBER COUNT	TERMINATION	CABLE LENGTH (FEET)	BREAKOUT LENGTH (INCHES)	POLARITY
• OM1 • OM2 • OM3 • OM4 (aqua) • OM4+ (violet) • OS2	• Harness	• 8 • 12	**FIRST END** • 8 F MTP (female) • 12 F MTP (male) **SECOND END** • LC • LC (uniboot) • SC • ST	• 5-40	• 12-48 • Other	• Method A • Method B, Core • Method B, Edge • Method C • 40G to 10G

For assistance customizing your harnesses, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

SPOTLIGHT Conversion Harnesses

Conversion Harnesses connect to electronics with LC-style ports. Ideal for channels connecting QSFP+ and SFP+ transceivers, the harnesses can aggregate 10G ports to a 40G or 100G port. Available in 50 µm OM3, OM4, and OM4+ multimode fiber with optional reversing polarity LC Uniboot, conversion harnesses feature a small diameter cable for dense connectivity and bend-insensitive fiber to lower risk of pinched cables. Conversion cassettes are available in an HDX and an e2XHD footprint. More information on page B50.



Secure Keyed MTP®-LC Harness

SECURE KEYED LC HARNESSES

- Locking design prevents unauthorized and inadvertent moves, adds, and changes
- Duplex LC connectors can only be removed with matching-color extraction tool
- Choose from eight colors to segregate and secure networks
- Duplex LC connectors plug into any industry-compliant LC adapter or interface
- Polarity is A to A
- Harnesses are part of the Leviton Make-to-Order (MTO) program

SECURE KEYED LC MTP-LC HARNESS OPTIONS

KEYED COLOR	FIBER TYPE	FIBER COUNT	TERMINATION	CABLE LENGTH (FEET)	1ST & 2ND BREAKOUT (INCHES)
• White • Yellow • Orange • Red • Blue • Green • Slate • Black	• OS2 • OM2 • OM1 • OM3 • OM4 (aqua) • OM4+ (violet)	• 12 • 24	**FIRST END** • MTP (female) (standard) • MTP (male) **SECOND END** • Secure Keyed LC Duplex (uni-body)	• 3 • 5 • 6 • 8 • Other	• 0-48

For assistance customizing your harnesses, please call Tech Support at 800.824.3005.

8-fiber MTP Array Patch Cord

12-fiber MTP Array Patch Cord

12-fiber MTP Array Patch Cord (OM4+ Violet Color Option)

24-fiber MTP® Array Patch Cord

OPT-X UNITY 40/100G MTP ARRAY CORDS

- 50/125 µm laser-optimized multimode, OM3 and OM4
- 8-, 12-, and 24-fiber MTP array cords offer migration path from 10G to 40/100G
- Available in lengths of 1, 2, 3, 5, and 10 meters
- See page B8 for Opt-X Unity 40/100G system overview

Make to order! leviton.com/configurator

OPT-X UNITY 40/100G MTP ARRAY CORDS, POPULAR CONFIGURATIONS

DESCRIPTION	8 FIBER	12 FIBER	24 FIBER
MTP (female) to MTP (female), Method A, OM3, 1 meter	5L8MM-A01M	5L2LL-A01M	—
MTP (male) to MTP (male), Method A, OM3, 1 meter	5L8NN-A01M	5L2KK-A01M	—
MTP (female) to MTP (male), Method A, OM3, 1 meter	5L8MN-A01M	5L2LK-A01M	—
MTP (female) to MTP (female), Method B, OM3, 1 meter	5L8MM-B01M	5L2LL-B01M	5L4JJ-B01M
MTP (male) to MTP (male), Method B, OM3, 1 meter	5L8NN-B01M	5L2KK-B01M	5L4HH-B01M
MTP (female) to MTP (male), Method B, OM3, 1 meter	5L8MN-B01M	5L2LK-B01M	5L4JH-B01M
MTP (female) to MTP (female), Method A, OM4, 1 meter	548MM-A01M	542LL-A01M	—
MTP (male) to MTP (male), Method A, OM4, 1 meter	548NN-A01M	542KK-A01M	—
MTP (female) to MTP (male), Method A, OM4, 1 meter	548MN-A01M	542LK-A01M	—
MTP (female) to MTP (female), Method B, OM4, 1 meter	548MM-B01M	542LL-B01M	544JJ-B01M
MTP (male) to MTP (male), Method B, OM4, 1 meter	548NN-B01M	542KK-B01M	544HH-B01M
MTP (female) to MTP (male), Method B, OM4, 1 meter	548MN-B01M	542LK-B01M	544JH-B01M

Make-to-Order! OPT-X UNITY MTP ARRAY CORDS

FIBER TYPE	FIBER COUNT	FIRST END TERMINATION	SECOND END TERMINATION	POLARITY	CABLE LENGTH
• OM3 • OM4 (aqua) • OM4+ (violet)	• 8 • 12 • 24	• 8-fiber MTP (male) • 8-fiber MTP (female) • 12-fiber MTP (male) • 12-fiber MTP (female) • 24-fiber MTP (male) • 24-fiber MTP (female)	• 8-fiber MTP (male) • 8-fiber MTP (female) • 12-fiber MTP (male) • 12-fiber MTP (female) • 24-fiber MTP (male) • 24-fiber MTP (female)	• MTP Method A • MTP Method B • MTP Method C	• 3-300 feet • 1-300 meters

For assistance customizing your array cords, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

LC-LC Duplex
62.5/125 µm MM

ST-SC Duplex
62.5/125 µm LOMM

LC-LC Duplex
50/125 µm MM

LC-SC Duplex
50/125 µm LOMM

LC-LC Duplex Uniboot
50/125 µm MM

LC-LC Duplex
50/125 µm MM
(OM4+ Violet)

PREMIUM PATCH CORDS

- Available in standard SC, ST, LC, or hybrid options
- Riser, plenum, and Low-Smoke Zero-Halogen (LSZH) cable options available
- < 0.25 dB insertion loss maximum, > 25 dB back reflection for multimode
- < 0.25 dB insertion loss maximum, > 55 dB (UPC)/-65 dB (APC) for single mode
- Polarity reversal LC connector option
- 100 percent factory tested
- Made to order with quick-turn delivery

Make to order! leviton.com/configurator

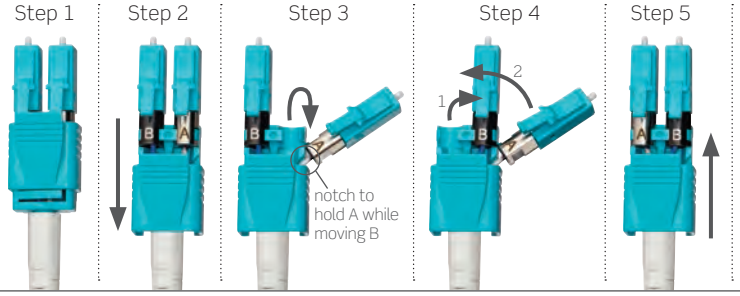
For assistance customizing your patch cords and pigtails, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

Make-to-Order! PREMIUM FIBER OPTIC PATCH CORD & PIGTAIL OPTIONS

ASSEMBLY TYPE	CORE STYLE/POLISH TYPE	CABLE RATING	CABLE TYPE	CONNECTOR TYPE (1ST AND 2ND END)	CABLE LENGTH (FEET)	POLARITY
• Patch Cord • Pigtail	**MULTIMODE CORE** • 62.5/125 µm (OM1) • 50/125 µm (OM2) • 50/125 µm laser optimized (10G-300 m) (OM3) • 50/125 µm laser optimized (10G-550 m) (OM4) • 50/125 µm laser optimized (10G-600 m) (OM4+) **SINGLE-MODE CORE** • UPC Polish (ultra physical contact) • APC Polish (angle physical contact)	• Riser • Plenum • LSZH • 900 micron	• Simplex (1.6 mm) • Simplex (3 mm) • Duplex zipcord (1.6 mm) • Duplex zipcord (3 mm) • Round 2-fiber (2 mm) • Round 2-fiber (2.9 mm) • 900 micron buffered fiber (pigtails)	• ST • SC • LC • FC • SC/APC • LC/APC • FC/APC • MU • LC Uniboot (Reversing Polarity)* • Pigtail	• 1-999	• A-B • A-A

* = Reverse polarity is not recommended for use in HDX configurations

SPOTLIGHT LC Uniboot Polarity Reversal



LC Uniboot reversing polarity connector includes a finger-latch release that eliminates the need for tools when making the polarity change. It is color-coded and labeled "A" and "B" to provide visual references when making a polarity flip. The uniboot design is compatible with FOCIS-compliant duplex connectors and transceivers using the LC interface. The uniboot is available on 2.0 mm round cable, and will also support legacy applications using 2.9 mm cable.

LC-LC Duplex
62.5/125 µm MM

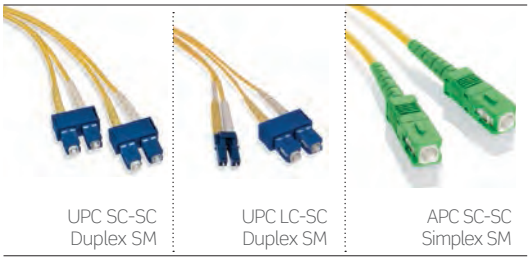
ECONOMY MULTIMODE PATCH CORDS

- Riser rated is standard, LSZH is optional
- < 0.3 dB insertion loss maximum, > 25 dB back reflection
- 100 percent factory tested
- OM1, OM2, OM3, and OM4
- All cables are pre-labeled and individually bagged
- Stock available for lengths listed

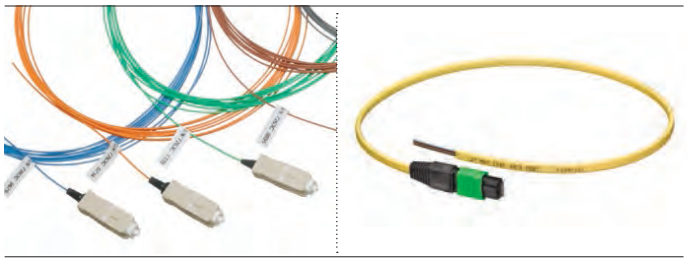
62.5/125 µM MULTIMODE (OM1) OFNR DUPLEX		
DESCRIPTION	LENGTH (METERS)	DUPLEX
LC-LC	1	62DLC-M01
LC-LC	2	62DLC-M02
LC-LC	3	62DLC-M03
LC-LC	5	62DLC-M05
LC-LC	10	62DLC-M10
SC-LC	1	62DCL-M01
SC-LC	2	62DCL-M02
SC-LC	3	62DCL-M03
SC-LC	5	62DCL-M05
SC-LC	10	62DCL-M10
SC-SC	1	62DSC-M01
SC-SC	2	62DSC-M02
SC-SC	3	62DSC-M03
SC-SC	5	62DSC-M05
SC-SC	10	62DSC-M10
SC-ST	1	62DCT-M01
SC-ST	2	62DCT-M02
SC-ST	3	62DCT-M03
SC-ST	5	62DCT-M05
SC-ST	10	62DCT-M10
ST-ST	1	62DST-M01
ST-ST	2	62DST-M02
ST-ST	3	62DST-M03
ST-ST*	5	62DST-M05
ST-ST	10	62DST-M10

*** = Lead times may apply.**

50/125 µM MULTIMODE (OM2) OFNR DUPLEX		
DESCRIPTION	LENGTH (METERS)	DUPLEX
LC-LC	1	50DLC-M01
LC-LC	2	50DLC-M02
LC-LC	3	50DLC-M03
LC-LC	5	50DLC-M05
LC-LC	10	50DLC-M10
SC-LC	1	50DCL-M01
SC-LC	2	50DCL-M02
SC-LC	3	50DCL-M03
SC-LC	5	50DCL-M05
SC-LC	10	50DCL-M10
SC-SC	1	50DSC-M01
SC-SC	2	50DSC-M02
SC-SC	3	50DSC-M03
SC-SC	5	50DSC-M05
SC-SC	10	50DSC-M10
ST-ST	1	50DST-M01
ST-ST	2	50DST-M02
ST-ST	3	50DST-M03
ST-ST	5	50DST-M05
ST-ST*	10	50DST-M10
50/125 µM LOMM (OM3) OFNR DUPLEX		
LC-LC	1	5LDLC-M01
LC-LC	2	5LDLC-M02
LC-LC	3	5LDLC-M03
LC-LC	5	5LDLC-M05
LC-LC	10	5LDLC-M10
SC-LC	1	5LDCL-M01
SC-LC	2	5LDCL-M02
SC-LC	3	5LDCL-M03
SC-LC	5	5LDCL-M05
SC-LC	10	5LDCL-M10
SC-SC	1	5LDSC-M01
SC-SC	2	5LDSC-M02
SC-SC	3	5LDSC-M03
SC-SC	5	5LDSC-M05
SC-SC	10	5LDSC-M10
50/125 µM LOMM (OM4) OFNR DUPLEX		
LC-LC*	1	54DLC-M01
LC-LC*	3	54DLC-M03
LC-LC*	5	54DLC-M05
LC-LC*	10	54DLC-M10
SC-LC*	1	54DCL-M01
SC-LC*	3	54DCL-M03
SC-LC*	5	54DCL-M05
SC-LC*	10	54DCL-M10



UPC SC-SC Duplex SM | UPC LC-SC Duplex SM | APC SC-SC Simplex SM



ECONOMY SINGLE-MODE PATCH CORDS

- Available in standard LC, SC, ST, or hybrid options
- Riser-rated, duplex zip-cord single-mode cable
- UPC or APC polish-style connectors
- < 0.3 dB insertion loss, -55 dB (UPC) / -65 dB (APC) back reflection
- Low-Smoke Zero-Halogen (LSZH) OS2 available by special order

9/125 µM SINGLE-MODE PATCH CORDS (OS2)	
DESCRIPTION	DUPLEX
LC-LC	UPDLC-S**
SC-LC	UPDCL-S**
SC-SC	UPDSC-S**
SC-ST	UPDCT-S**
ST-ST	UPDST-S**

** = Length in meters. (01), (02), (03), (05), (10)

APC SINGLE-MODE PATCH CORDS (OS2)		
DESCRIPTION	LENGTH (METERS)	SIMPLEX
SC-SC*	1	APSSC-S01
SC-SC*	2	APSSC-S02
SC-SC*	3	APSSC-S03
SC-SC*	5	APSSC-S05
SC-SC*	10	APSSC-S10

*** = Minimum order quantities and lead times may apply.**

Contact inside sales at 800.722.2082 for 6-fiber pigtail kits, other configurations, or custom lengths.

ECONOMY PIGTAILS

- Available in LC, SC, or ST connector styles
- Multimode, laser-optimized multimode, or single-mode fiber types
- Stock available for white 900 µm buffer in 3 meter length
- Application use: fusion or mechanical splicing
- 12-fiber color-coded pigtail kit, colors per ANSI/TIA-598-C

MULTIMODE PIGTAIL - SIMPLEX (3 METERS)			
DESCRIPTION	LC	SC	ST
62.5/125 µm, OM1	62PLC-M03	62PSC-M03	62PST-M03
50/125 µm, OM2	50PLC-M03	50PSC-M03	50PST-M03
50/125 µm, LOMM, OM3	5LPLC-M03	5LPSC-M03	5LPST-M03
50/125, LOMM, OM4	—	—	54PLC-M03
12-FIBER INDIVIDUAL COLOR-CODED PIGTAIL KITS (3 METERS)			
62.5/125 µm, OM1	62PLC-KIT	62PSC-KIT	62PST-KIT
50/125 µm, OM2	50PLC-KIT	50PSC-KIT	50PST-KIT
50/125 µm LOMM, OM3	5LPLC-KIT	5LPSC-KIT	—
50/125 µm LOMM, OM4	54PLC-KIT	—	—
UPC Polish SM, OS2	UPPLC-KIT	UPPSC-KIT	—
SINGLE-MODE PIGTAIL - SIMPLEX (3 METERS)			
LC UPC polish	UPPLC-S03	UPPSC-S03	UPPST-S03
LC APC polish	APPLC-S03	APPSC-S03	—

12-FIBER MTP® JACKETED RIBBON PIGTAIL KITS (3 METERS)		
DESCRIPTION	FEMALE	MALE
Standard Loss, OM3*	LJ2PS-03M	LJ2PT-03M
Low Loss, OM3*	LJ2PL-03M	LJ2PK-03M
Standard Loss, OM4*	4J2PS-03M	4J2PT-03M
Low Loss, OM4*	4J2PL-03M	4J2PK-03M
Standard Loss, OS2*	UJ2PS-03M	UJ2PT-03M
Low Loss, OS2*	UJ2PL-03M	UJ2PK-03M

*** = Minimum order quantities and lead times may apply.**

Secure Keyed LC to Secure Keyed LC, 50/125 µm LOMM

Secure Single-Mode Pigtail SC UPC Polish

Secure Keyed SC/APC
Patch Cord and Extraction Tool

SECURE KEYED LC PATCH CORDS & PIGTAILS

- Locking design prevents unauthorized and inadvertent moves, adds, and changes (MACs)
- Duplex LC connectors can only be removed with matching-color extraction tool
- Duplex LC connector plugs into any industry-compliant LC adapter or interface
- All connectors are heat cured and use ceramic ferrules for optimal performance

Make to order! leviton.com/configurator

Please see page B68 for Secure LC Protection Plugs and Extraction Tools.

Make-to-Order! SECURE KEYED LC & SC/APC FIBER PATCH CORD & PIGTAIL OPTIONS

FIBER TYPE	KEYED COLOR	CABLE TYPE / POLARITY	TERMINATION	CABLE LENGTH (FEET)
• OM1 • OM2 • OM3 • OM4 (aqua) • OS2 (UPC) • OS2 (APC)	• White • Yellow • Orange • Red • Blue • Green • Slate • Black	• Duplex Riser-Rated A to B Polarity • Duplex Plenum-Rated A to B Polarity • Duplex Riser-Rated A to A Polarity • Duplex Plenum-Rated A to A Polarity • 900 micron tight buffer cable • Simplex Riser-Rated A to A Polarity	**FIRST END** • Keyed Duplex LC (uniboot) • Keyed Simplex SC **SECOND END** • Keyed Duplex LC (uniboot) • Keyed Simplex SC • Duplex LC (uniboot) • Standard LC (duplex clips) • SC • MT-RJ • ST • FC • MU • Pigtail	• 1-999

For assistance customizing your patch cords and pigtails, please visit Leviton.com/configurator or call 800.824.3005.

SECURE KEYED SC/APC PATCH CORDS

- Ideal for FTTX, enterprise GPON, and government or military networks
- Secure design prevents unauthorized moves, adds, and changes
- Cords can only be removed with matching color extraction tool
- Simplex SC/APC cords plug into industry-compliant SC adapters
- A-A polarity

SECURE KEYED SC/APC PATCH CORDS

DESCRIPTION	PART NO.
Secure SC/APC Patch Cord, plenum, OS2, white tab	AWSPP-Mxx
Secure SC/APC Patch Cord, plenum, OS2, yellow tab	AYSPP-Mxx
Secure SC/APC Patch Cord, plenum, OS2, red tab	ARSPP-Mxx
Secure SC/APC Patch Cord, plenum, OS2, black tab	AESPP-Mxx
SC/APC Port Blocker	PPRTN-*SC
SC/APC Extraction Tool	ETRTN-*SC

* = Colors: (W) White, (Y) Yellow, (R) Red, (B) Black
xx = Patch cord length in meters

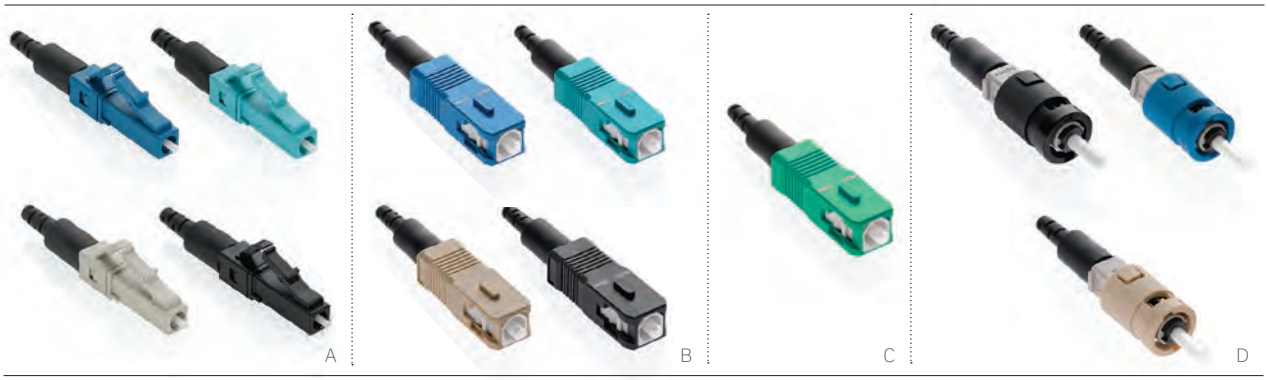
Connectors & Housings

Leviton has everything you need to properly terminate your fiber network. FastCAM® and Fast-Cure® connectors are available in LC, SC, and ST styles. Secure Keyed LC Field-Installable Connectors lock into any industry-compliant adapters and prevent unauthorized moves, adds, and changes. To extend fiber to the workstation, we also offer QuickPort® footprint fiber adapters that fit into our standard wallplates and Multimedia Outlet System (MOS) housings. Go to the Wallplates & Housings section to see our an extensive wallplate selection.

FEATURED PRODUCTS

FastCAM Connectors **B66**

Secure Keyed LC Connectors & Accessories **B68**



FASTCAM CONNECTORS

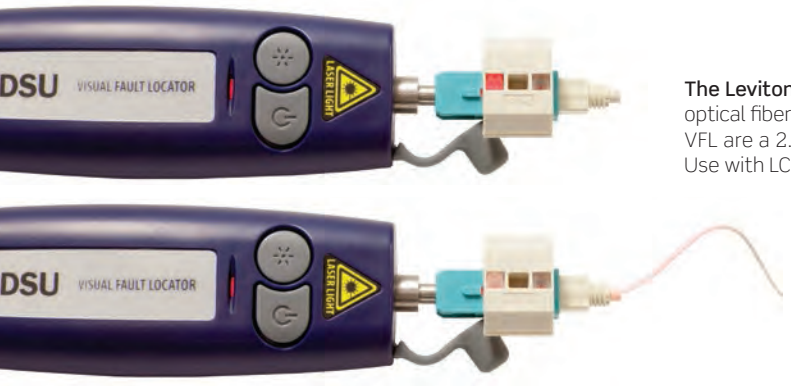
- Pre-polished, field-installable connectors
- Use precision zirconia ferrules
- Require no polishing or epoxy curing; provide immediate termination
- Precision mechanical termination uses molded v-groove technology to retain and align the fiber
- Terminated on 250 µm or 900 µm buffered fiber and/or 2 or 3 mm jacketed fiber
- Higher yields with Visual Fault Locator (VFL)-compatible LC, SC, and ST connectors
- Available in OM1, OM2, OM3, OM4, OS2 UPC, and OS2 APC (SC only)

FastCAM components

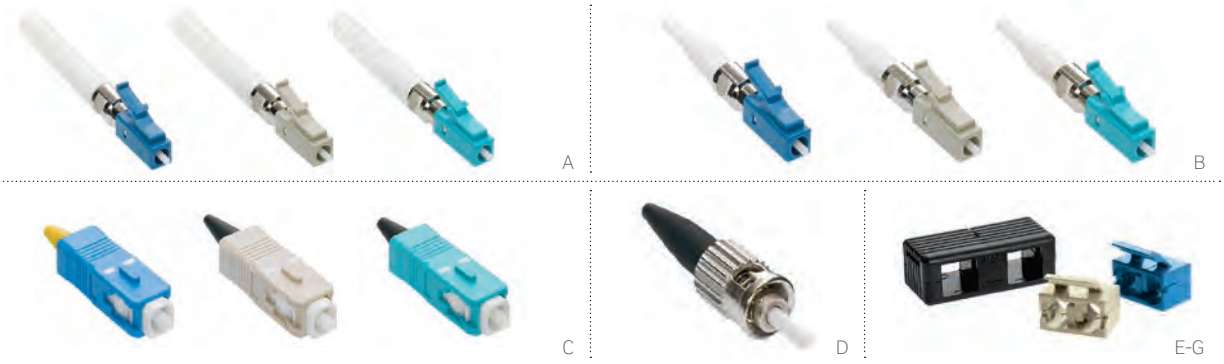
FASTCAM CONNECTORS – 1 PER BAG					
DESCRIPTION		OS2 SINGLE MODE	OM1 MULTIMODE	OM2 MULTIMODE	OM3 & OM4 LOMM
[A]	LC FastCAM Connector	49991-SLC (blue)	49991-MLC (beige)	49991-5LC (black)	49991-LLC (aqua)
[B]	SC FastCAM Connector	49991-SSC (blue)	49991-MSC (beige)	49991-5SC (black)	49991-LSC (aqua)
[C]	SC/APC FastCAM Connector*	49991-ASC (green)	—	—	—
[D]	ST FastCAM Connector	49991-SST (blue)	49991-MST (beige)	49991-5ST (black)	—
FASTCAM ACCESSORIES					
	FastCAM LC Duplex Clips^	49991-CLP	49991-CLP	49991-CLP	49991-CLP

*** = Minimum order quantity and lead times may apply.**
See pages B73-B76 for FastCAM tools and consumables.
^ = Use APC Angled Cleaver (page B75).

SPOTLIGHT Visual Fault Locator (VFL)



The Leviton Visual Fault Locator (VFL) uses a bright red laser to locate faults in optical fiber, such as bends, breaks, and defective connectors. Included with each VFL are a 2.5 mm ferrule interface, 1.25 mm adapter, and soft carrying case. Use with LC, SC, and ST FastCAM connectors.



FAST-CURE CONNECTORS

- Anaerobic adhesive-style, field-installable connectors
- Hand polishing required
- Most robust connection, ideal for inside and outside plant applications
- Available in LC, SC, and ST connector styles
- 900 µm and 3-mm boots included with SC and ST connectors

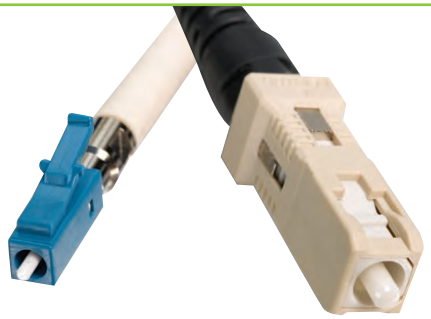
Fast-Cure Components

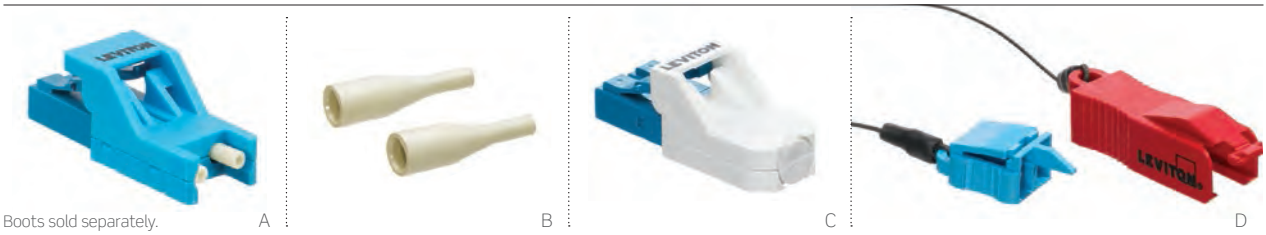
FAST-CURE ADHESIVE CONNECTORS				
DESCRIPTION		OS2 SINGLE-MODE	OM1 & OM2 MULTIMODE	OM3 & OM4 LOMM
[A]	LC Fast-Cure Connector with 2- and 3-mm boot	49990-SL2 (blue)	49990-ML2 (beige)	49990-LL2 (aqua)
[B]	LC Fast-Cure Connector with 900 µm boot	49990-SDL (blue)	49990-MDL (beige)	49990-LDL (aqua)
[C]	SC Fast-Cure Connector	49990-SSC (blue)	49990-MSC (beige)	49990-LSC (aqua)
[D]	ST Fast-Cure Connector	49990-SST	49990-MST	—
FAST-CURE ACCESSORIES				
[E]	SC Duplex Clip for Fast-Cure Connector, black (bag of 25)	49886-DSC	49886-DSC	49886-DSC
[F]	LC Duplex Clip for Fast-Cure Connector, beige (bag of 25)	—	49886-DLM	49886-DLM
[G]	LC Duplex Clip for Fast-Cure Connector, blue (bag of 25)	49886-DLS	—	—

See pages B73-B76 for Fast-Cure tools and consumables.

SPOTLIGHT Ceramic vs. Polymer Ferrules

Fiber optic ferrules, which ensure accurate alignment of fiber-to-fiber core interfaces, can be constructed of zirconia ceramic or polymer composites. While the two materials offer comparable performance in several areas, ceramic ferrules are superior in the key attributes of reliability (withstanding day-to-day environmental stressors) and durability (withstanding repeated matings/moves, adds, and changes). Leviton builds its connectors using only ceramic ferrules, so our customers can be assured of the best fiber connector performance in any application.





Boots sold separately. A B C D

SECURE KEYED LC CONNECTORS & SYSTEM ACCESSORIES

- Field-installable duplex LC connectors lock into any industry-compliant LC adapter or interface
- Locking connectors can only be removed with matching-color extraction tool
- Anaerobic adhesive-style, requires hand polishing (See page B74 for Polishing Tool Kit 49800-FTK.)
- 900 µm boots identify fiber type
- Port protection plugs enable unused LC ports to be locked
- Dust caps protect connectors upon removal from a port, promoting good fiber discipline

WATCH: INSTALLATION VIDEOS

Leviton.com/ns/videos
"How to Assemble the Secure Keyed LC"

Secure Keyed LC system also includes trunk cables (page B56), harnesses (page B59), patch cords and pigtails (page B64).

SECURE KEYED LC FIELD-INSTALLABLE CONNECTORS		
	DESCRIPTION	PART NO.
[A]	Secure Keyed LC Field-Installable Connector, 900 µm, MM/SM (boot sold separately)	4999K-xLC
[B]	900 µm Boots (bag of 50)	4999K-***
SECURE KEYED LC ACCESSORIES		
[C]	Port Protection Plug with Dust Cap	PPRTN-xLG
[D]	Extraction Tool with Dust Cap	ETRTN-xTL
	Dust Caps (bag of 10)	DUSTK-CAP

x = colors: Choose from any of the colors below.

White (W) Yellow (Y) Orange (O) Red (R) Blue (L) Green (V) Slate (G) Black (E)

*** = Beige (BGE), Black (BLK), Aqua (AQU), Blue (BLU)

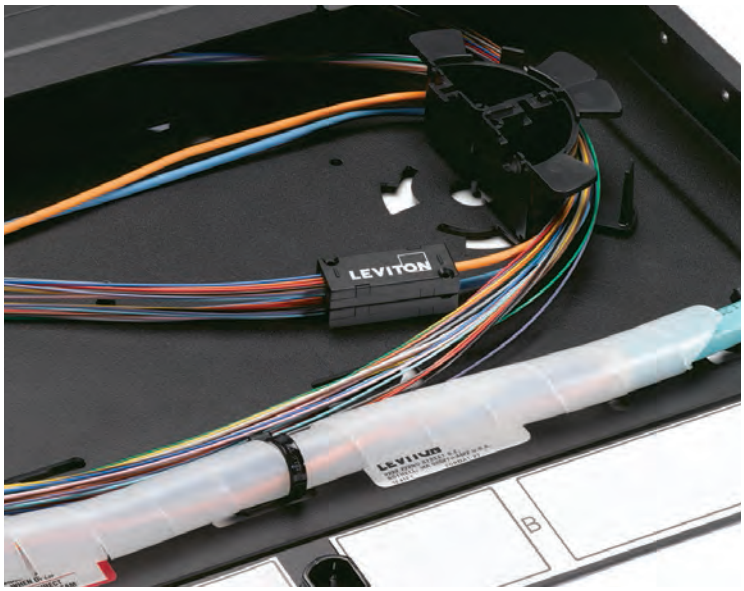
Field-Installable Duplex LC Connector Components

A

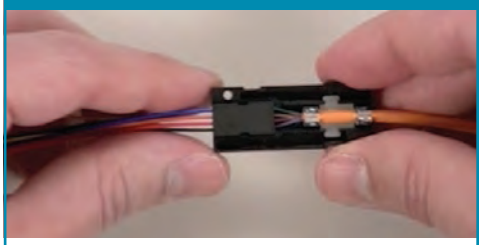
FIBER OPTIC FAN-OUT KITS

- Protect bare fiber and prepare loose-tube cable for direct termination to industry-standard connectors
- Separate 250 µm fibers and route into color-coded 900 µm buffer tubes with no proprietary tools
- Available in 6- or 12-strand kits and 24- or 36-inch lengths
- Works with cabling from any manufacturer (Will accommodate maximum buffer-tube diameter up to 3.5 mm)

FIBER OPTIC FAN-OUT KITS		
DESCRIPTION		PART NO.
[A]	24" Fiber Optic Fan-Out Kit, 6 fiber	49887-06S
	24" Fiber Optic Fan-Out Kit, 12 fiber	49887-12S
	36" Fiber Optic Fan-Out Kit, 6 fiber	49887-06L
	36" Fiber Optic Fan-Out Kit, 12 fiber	49887-12L
	Fan-Out Consumables Kit	49800-FAN



WATCH: INSTALLATION VIDEOS



Leviton.com/ns/videos
"How to Terminate the Fan-Out Kit"

A

B

C

D

E

QUICKPORT FIBER ADAPTERS

- Snap into all QuickPort openings and Multimedia Outlet System (MOS) housings, see pages D5-D9 and D21-D22.
- Tool-free plug-n-play installation
- Offered with precision phosphor bronze or zirconia ceramic alignment sleeve

QUICKPORT FIBER ADAPTERS		
	DESCRIPTION	PART NO.
	QuickPort Duplex LC Adapter, MM, phosphor bronze sleeve, beige*	41085-ML°
[A]	QuickPort Duplex LC Adapter, 10G LOMM, zirconia ceramic sleeve, aqua*	41085-LL°
	QuickPort Duplex LC Adapter, SM, zirconia ceramic sleeve, blue*	41085-SL°
[B]	QuickPort Simplex SC Shuttered Adapter, MM, phosphor bronze sleeve, female front/back	41085-M^C
	QuickPort Simplex SC Shuttered Adapter, SM, zirconia ceramic, female front/back	41085-S^C
[C]	QuickPort Simplex SC/APC Adapter, SM, zirconia ceramic, female front/back*	41085-AS°
[D]	QuickPort ST Fiber Optic Adapter, MM, phosphor bronze sleeve	41084-S^F
	QuickPort ST Fiber Optic Adapter, SM, zirconia ceramic sleeve	41084-S^Z
[E]	MTP® QuickPort Adapter, SM/MM, key up to key down*	41085-TP°
	MTP® QuickPort Adapter, SM/MM, key up to key up*	41085-TB°

*** = Minimum order quantity and lead times may apply.**
^ = Colors: Choose from any of the colors below.

White (W) Ivory (I) Slate (G) Black (E)

Some adapters are Make to Order, contact Inside Sales at 800.824.3005 for ordering information.
° = Colors: Choose from any of the colors below.

White (W) Ivory (I) Yellow (Y) Orange (O) Red (R) Blue (L) Green (V) Slate (G) Black (E)

SPOTLIGHT QuickPort Wallplates

QuickPort adapters are designed to fit our complete line of QuickPort wallplates found on pages D5-D9.

FEATURED PRODUCTS

Visual Fault Locator (VFL) **B72**

Cleaver **B72**

Tools & Consumables

Different termination types require unique tools. Leviton has everything you need to terminate Fast-Cure® (adhesive polish) and FastCAM® (pre-polished) connectors. We also offer cleaning tools for LC, SC, and MTP® connectors. Choose from complete kits, or mix and match individual tools and a wide variety of consumables.

VISUAL FAULT LOCATOR (VFL)

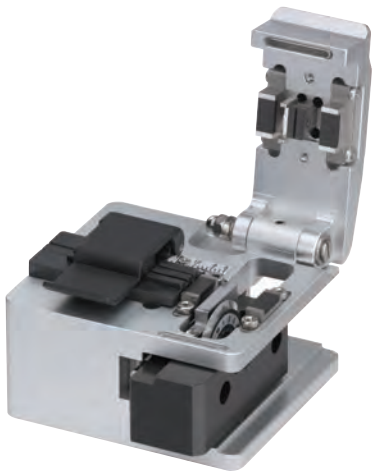
Quickly locate optical fiber damage with the Leviton Visual Fault Locator (VFL). The pocket-sized tool uses a bright red laser to locate faults, including tight bends, breaks, and defective connectors. Included with each VFL are a 2.5 mm ferrule interface, 1.25 mm adapter, and soft carrying case. Use with FastCAM® LC and SC connectors for enhanced terminations. See page B75 for part numbers.

LEVITON 200X INSPECTION SCOPES

Reduce the chances of over-polishing with Leviton's high-powered inspection scopes. View single-mode and multimode end-face polishes safely with our oblique viewing technology; full laser eye protection is provided through wavelengths of 850 – 1550 nanometers (nm). Rugged metal and rubber construction stands up to job-site abuse while offering an ergonomic grip. See page B75.

FASTCAM TERMINATION TOOLS

FastCAM terminations and fusion splicing both require precision cleaving. Get the accuracy you need with the Cleaver. A cleave angle of 90 degree +/- .5 degree is guaranteed; the 16-position blade remains sharp through approximately 48,000 cleaves. Clean-up is eliminated with the built-in waste holder. For a self-contained workspace, mount the Cleaver to the optional work tray and use the gooseneck LED for task lighting. The Leviton APC Angled Cleaver is recommended for APC single-mode FastCAM connectors. See page B75.



ONLINE TRAINING VIDEOS & ANIMATIONS

Increase your expertise with Leviton's online fiber training. Step-by-step instructions on terminating FastCAM 250 µm or 900 µm fiber, using our fan-out kits, or terminating Fast-Cure® connectors, are all available with just a click of the mouse. All of Leviton's training animations feature clear, easy-to-understand graphics paired with on-screen written instructions for maximum effectiveness. Visit Leviton.com/support.

A

B

C

D

FIBER OPTIC LIGHT TOOL KIT

- Essential tool set for quick field-termination of Fast-Cure® connectors
- Terminates both multimode and single-mode fiber

FIBER OPTIC FAST-CURE TOOL KIT

- All the tools you need for terminating multimode or single-mode LC, SC, or ST Fast-Cure adhesive connectors
- Adhesive/accelerator kit sold separately, see page B76

FIBER OPTIC FASTCAM® TOOL KIT

- Precision cleaving for guaranteed FastCAM connector performance
- Terminates both multimode and single-mode fiber

Consumables sold separately. See page B76.

SPOTLIGHT

RackForce GigaCenter Attracts Cloud and Colocation Clients with Efficient Design, Ideal Location

The RackForce GigaCenter serves more than 1,800 customers, who use from a single cabinet to an entire GigaVault. When choosing network connectivity, the RackForce team decided on Leviton for their products, experienced people, strong logistics support for moving product fast, and the capability to fulfill unique needs for non-standard equipment and make-to-order products. They also took advantage of the Leviton data center team, getting help with network infrastructure design.

As customer needs change and the GigaCenter grows, RackForce continues to rely on Leviton for ongoing assistance with infrastructure changes and additions, delivering the services customers require.

FIBER OPTIC TOOL KITS CONTENTS	FAST-CURE® TOOL KITS		FASTCAM® TOOL KITS		
	[A] 49800-MTK	[B] 49800-FTK	[C] 49800-LAK	[D] 49800-SMK	49800-MSK
Tool Kit Carrying Case	●	●	●	●	●
250 µm Buffer Remover		●	●	●	●
900 µm Buffer Remover	●	●			
Jacket Stripper	●	●			
Aramid Strand Scissors	●	●			
Safety Glasses		●			
Sapphire Scribe	●	●			
2.5 mm Polishing Puck	●	●			
3" x 6" Polishing Pad	●	●			
ST/SC Combination Tightening Tool	●				
Cleaver			●	●	●
100x Inspection Scope	●				
200x Inspection Scope		●			
Piano Wire		●			
Lint-Free Dry Wipes		●	●	●	●
Alcohol Pads		●	●	●	●
12 µm Aluminum-Oxide Lapping Film		●			
3 µm Aluminum-Oxide Lapping Film		●			
0.3 µm Aluminum-Oxide Lapping Film		●			
Crimp Tool		●			
LC 1.25 mm Scope Adapter		●			
LC 1.25 mm Polishing Puck		●			
LED Gooseneck Light			●		
Work Tray			●		

FIBER OPTIC TOOL KITS		
DESCRIPTION		PART NO.
[A]	Basic Fast-Cure Tool Kit	49800-MTK
[B]	Fast-Cure Tool Kit	49800-FTK
[C]	FastCAM Tool Kit with Cleaver, Work Tray, and LED Light*	49800-LAK
[D]	FastCAM Tool Kit with CT-30A Cleaver (cleaver shown on page B73)	49800-SMK
	FastCAM Tool Kit with Cleaver*	49800-MSK

*** = Minimum order quantity and lead times may apply.**
Individual consumables available on page B76.
Note: Adhesive/accelerator tool kit sold separately. See page B76.

TOOLS & CONSUMABLES | Fiber Optic Tools

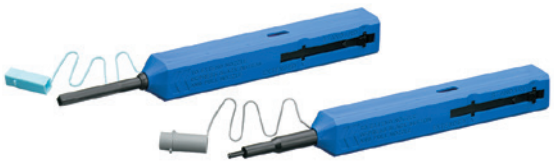
A, B

C, D

E

F, G

H


I, J

K

L

M

N

O

UNIVERSAL TOOLS & ACCESSORIES

	DESCRIPTION	PART NO.
[A]	250 and 900 µm Buffer Remover (yellow handle)	49886-BR2
[B]	900 µm Buffer Remover (red handle)	49886-BR9
[C]	Jacket Stripper	49886-STP
[D]	Aramid Strand Scissors	49886-SIS
	Sapphire Scribe	49886-SCR
	1.25 mm (LC) Polishing Puck	49886-LCP
	2.5 mm (SC/ST) Polishing Puck	49886-PUC
	3" x 6" Polishing Pad	49886-PAD
	Tool Kit Carrying Case	49886-CSE
	Safety Pad	49886-SPD
[E]	200x Inspection Scope	49886-FSP
[F]	LC Scope Adapter (works with 200x scope only)	49886-LCS
	Duplex LC Scope Adapter (works with 200x scope only)	49886-LCD
[G]	MTP® Scope Adapter (works with 200x scope only)	49886-MCS
	Fiber Optic Crimp Tool with .128/.151/.178 hex die	49886-FCT
	Tool Kit Carrying Case	49886-FCC
[H]	MTP Cassette Cleaning Tool	49886-MCT
[I]	LC Connector Cleaning Tool	49886-LCT
[J]	SC Connector Cleaning Tool	49886-SCT
[K]	MTP Connector Cleaning Tool (female)	49886-UFT
	MTP Connector Cleaning Tool (male)	49886-UMT
	MTP Connector Cleaning Tool Refill (male)	49886-MCR

FASTCAM® SPECIFIC TOOLS

	DESCRIPTION	PART NO.
	Work Tray^	49886-LNT
	Gooseneck LED^	49886-LGN
[L]	APC Angled Cleaver	49886-APC
[M]	Cleaver	49886-LNX
[N]	Fujikura CT-30A Cleaver^	49886-CTA
[O]	Visual Fault Locator (VFL) (2.5 mm and 1.25 mm adapters included)	49886-VFL
	Replacement 1.25 mm Adapter for VFL	49886-FLA

^ = Minimum order quantity and lead times may apply.

LEARN: CLEANING INSTRUCTIONS

Protect your investment and make sure you get the network performance you expect when you CL.I.C. - CLean, Inspect, Connect.

See page B56 or visit Leviton.com/clic for directions.

A

B

C

D

UNIVERSAL CONSUMABLES KIT

All the basic supplies needed to clean and polish fiber optic connectors. Set includes:

- 50 lint-free dry wipes
- 50 alcohol pads
- 30 sheets 12 µm lapping film
- 30 sheets 3 µm lapping film
- 30 sheets 0.3 µm lapping film
- Piano wire

ADHESIVE/ACCELERATOR KIT

Set includes:

- Loctite 680 adhesive
- Loctite 7649 accelerator with syringe
- Two needles
- Will do approximately 200 terminations

FAST-CURE® CONSUMABLES KIT

Everything from the Universal Kit, plus specialized supplies for Fast-Cure terminations. Additional included items:

- 25 syringes
- 25 needles
- Adhesive and accelerator
- Will do approximately 200 terminations

FAN-OUT CONSUMABLES KIT

Kit terminates a minimum of 10 Fiber Optic Fan-Out Kits.

Set includes:

- 20 lint-free dry wipes
- 10 alcohol pads
- 10 D'Gel® packets
- Sealant
- Talc powder

CONSUMABLES KITS		
DESCRIPTION		PART NO.
[A]	Universal Consumables Kit	49800-CON
[B]	Fast-Cure Consumables Kit	49800-FCC
[C]	Adhesive/Accelerator Kit	49800-680
[D]	Fan-Out Consumables Kit	49800-FAN
CONSUMABLES		
	Piano Wire	49886-WRE
	Lint-Free Dry Wipes (100 per pack)	49886-DWP
	Alcohol Pads (100 per pack)	49886-APD
	12 µm Aluminum-Oxide Lapping Film, pink (100 per pack)	49886-12F
	3 µm Aluminum-Oxide Lapping Film, yellow (100 per pack)	49886-03F
	0.3 µm Aluminum-Oxide Lapping Film, light blue (100 per pack)	49886-X3F
	Replacement Needles (25 per pack)	49886-FCN
	Replacement Syringes (25 per pack)	49886-SYR

AV SOLUTIONS

SECTION C CONTENTS

AV SOLUTIONS

C3 Introduction

C5 IT/AV System

C8 Connection Diagrams

C11 AV Signal Extension

C14 AV Connectors & Adapters

C17 Multimedia Outlet System

C21 Speakers

C24 Volume Controls & Audio Distribution Modules

C25 Home Theater & Recessed Devices

C27 BitWise Integrated Controllers

AV SOLUTIONS

Leviton IT/AV systems combine category-rated structured cabling with audiovisual signal extenders over HDBaseT™ certified links to create plug-and-play solutions with no programming required. The enterprise-grade systems allow contractors to extend AV signals over twisted-pair cabling with the same tools used for installing datacom infrastructure. They can then test and certify the installation to Ethernet standards to ensure high signal performance after they leave the jobsite.

HDMI®

A:
HDBaseT™ 100 m Extender

B:
HDBaseT 70 m Extender

C:
40 m Extender

VGA

D:
100 m Extender

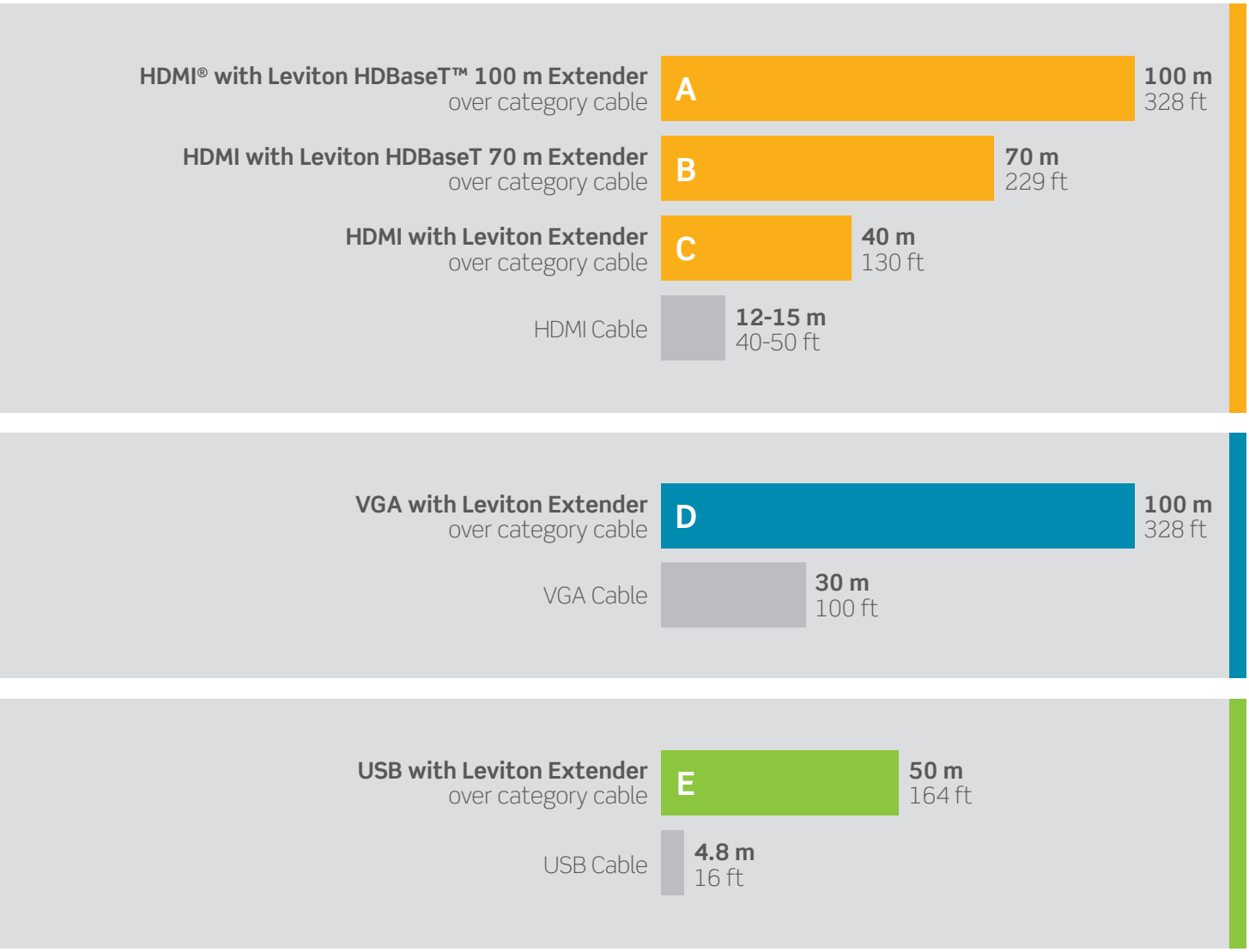
USB

E:
50 m Extender

EXTENDING HIGH-QUALITY AV SIGNALS OVER CATEGORY CABLE

Deliver the high-quality audio and video required for today's technologies with Leviton IT/AV Systems, which include signal extenders for long distance transmission of HD video. We offer extenders for a variety of connection types that increase cable distance and retain high signal performance.

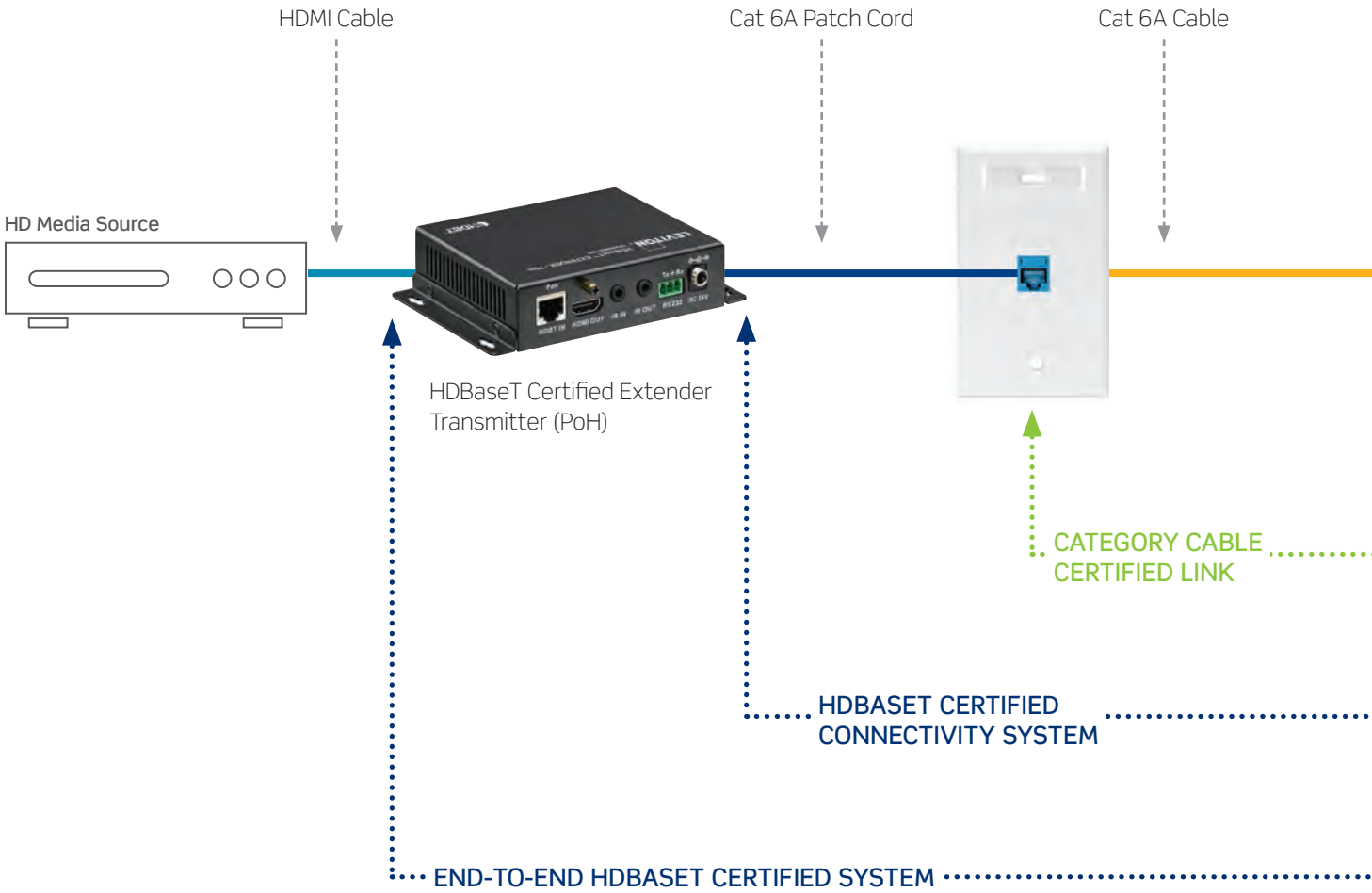
Below are recommended maximum lengths using Leviton extenders, compared to maximum lengths for different AV cables:



END-TO-END TESTED AND CERTIFIED AV SYSTEMS

The increasing convergence of AV and data networks has positioned low-voltage, BICSI RCDD contractors as the next generation of AV integrators. Leviton's new IT/AV systems help these contractors be the AV experts for their customers and use an easy-to-install solution that requires no programming and little-to-no training.

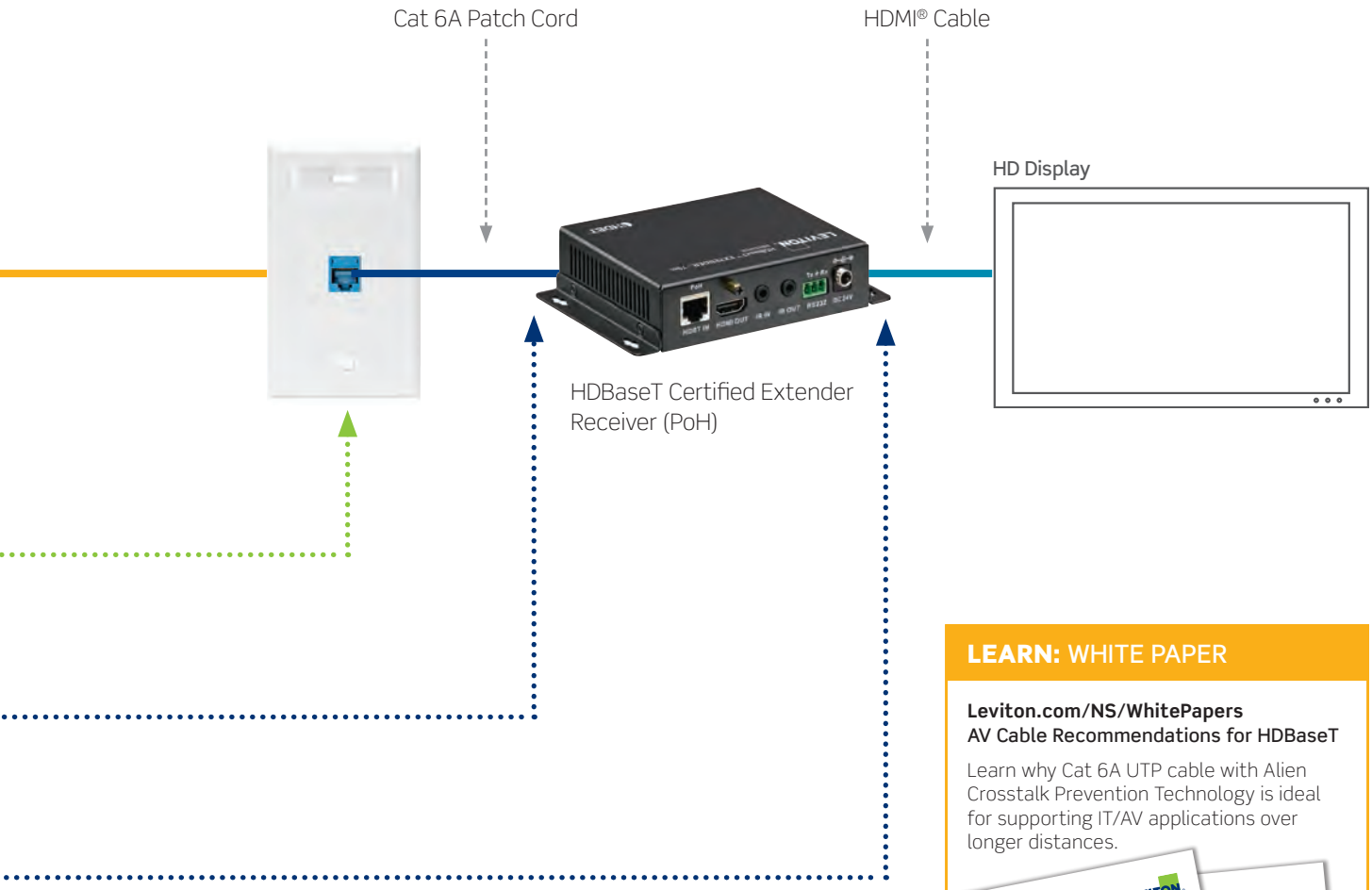
An IT/AV System combines Leviton HDBaseT™ HDMI® Extenders, Atlas-X1™ Cat 6A connectivity, and approved Cat 6A cable and patch cords for a complete end-to-end solution. The Cat 6A infrastructure link can be installed, tested, and verified like any other Cat 6A 10GBASE-T link. This system is also certified to HDBaseT Alliance standards.



*PoH = Power Over HDBaseT

HDBaseT™ certification offers important benefits:

- System longevity capable of supporting future HD video signal performance requirements
- Installation and testing using the same tools used for datacom infrastructure
- Peace of mind that comes from third-party verification and certification of AV signal transmission performance
- Compatibility with other manufacturer's equipment supporting the same HDBaseT features
- Limited lifetime warranty on the structured cabling system when installed by a Leviton certified contractor



LEARN: WHITE PAPER

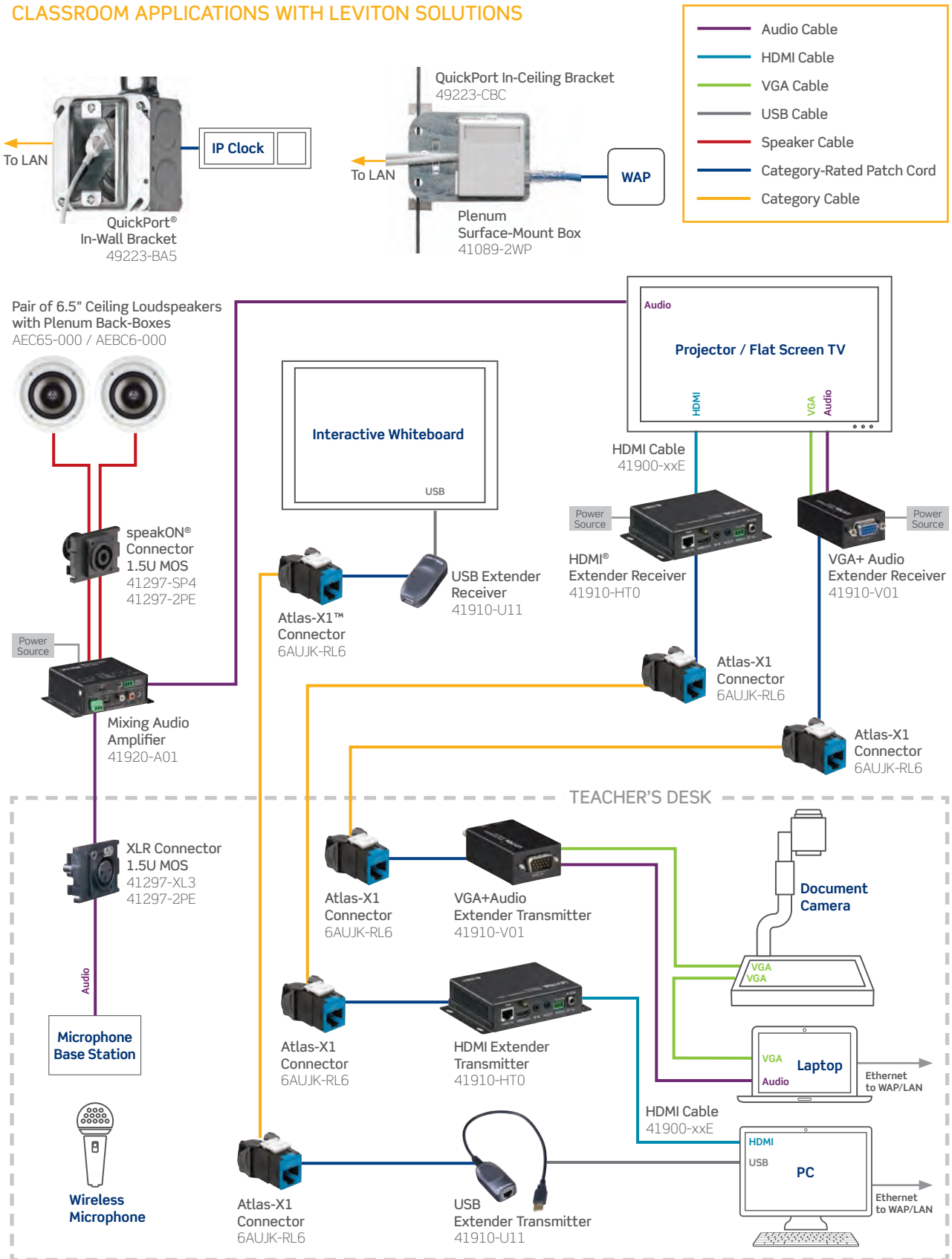
Leviton.com/NS/WhitePapers
AV Cable Recommendations for HDBaseT

Learn why Cat 6A UTP cable with Alien Crosstalk Prevention Technology is ideal for supporting IT/AV applications over longer distances.

CLASSROOM APPLICATION

Today's classrooms have evolved from chalkboards and overhead projectors to using connected tools like interactive whiteboards and document cameras. Leviton solutions allow contractors to easily extend HDMI®, VGA, and USB signals from teachers' desks to the latest devices anywhere in the room, all networked over easy-to-install, category-rated cable. These solutions help ensure a quality learning environment throughout all types of learning areas, including lecture halls, libraries, and computer labs, and they prepare schools for more advanced technologies to come. See the following page for typical classroom AV applications with Leviton solutions.

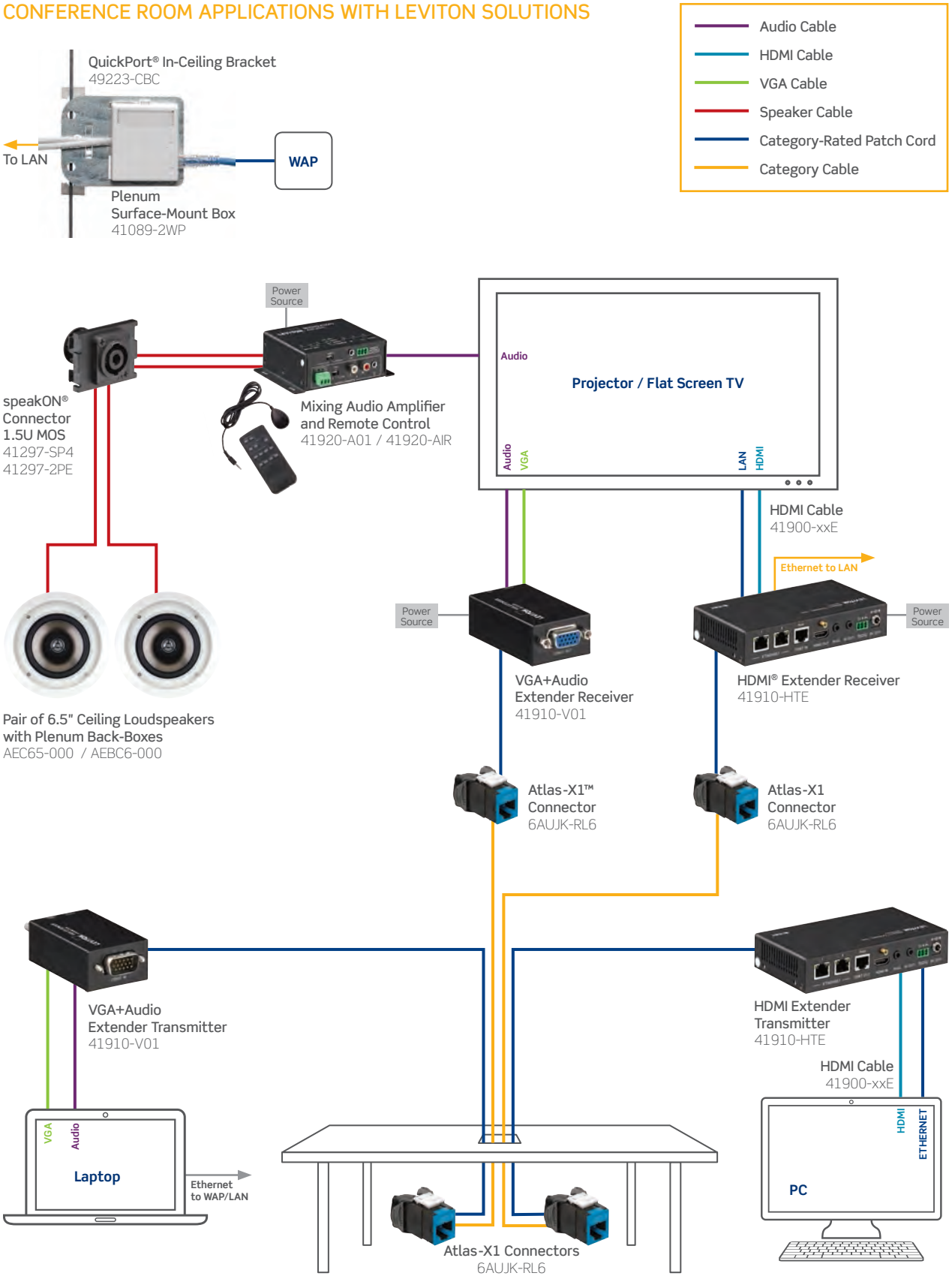
CLASSROOM APPLICATIONS WITH LEVITON SOLUTIONS



CONFERENCE ROOM APPLICATION

The best AV installations for conference rooms can adapt to handle future multimedia devices while maintaining a low profile in the room. With help from Leviton AV Signal Extenders, audio amplification, and in-ceiling connectivity for wireless access points — all connected over versatile category-rated cable — you create extra flexibility and a clean look in business, school, or hotel conference rooms. See the following page for typical conference room AV applications with Leviton solutions.

CONFERENCE ROOM APPLICATIONS WITH LEVITON SOLUTIONS



A

B, C

D

HDBaseT™ EXTENDER TRANSMITTERS & RECEIVERS

HDBaseT twisted-pair extenders with Power over HDBaseT (PoH) deliver high-performance HDMI®, Ethernet, IR, and RS232 signals for classrooms, conference rooms, command centers, restaurants, home cinemas, and more. The paired transmitter and receiver require only one power adapter that can be connected at either the source or display end. HDBaseT certification ensures compatibility with other HDBaseT certified products.

- Class A Extenders (41910-HTE) deliver 328 ft (100 m) transmission for HDMI, Ethernet, bi-directional IR, RS232
- Class B Extenders (41910-HT0) deliver 230 ft (70 m) transmission for HDMI, bi-directional IR, RS232
- Support key features of HDMI 1.4, including 3D and 4K x 2K, CEC pass through and HDCP compatible
- Locking power supply and HDMI cable connectors
- Power supply, RS-232 cables, and mounting brackets included
- Compact metal housing for mounting with flatscreen displays

IR EMITTER AND RECEIVER KIT

- Includes IR emitter and IR target, connected to 5-foot cords
- Delivers 5V IR signal transmission
- Works with HDBaseT Extender Transmitters and Receivers

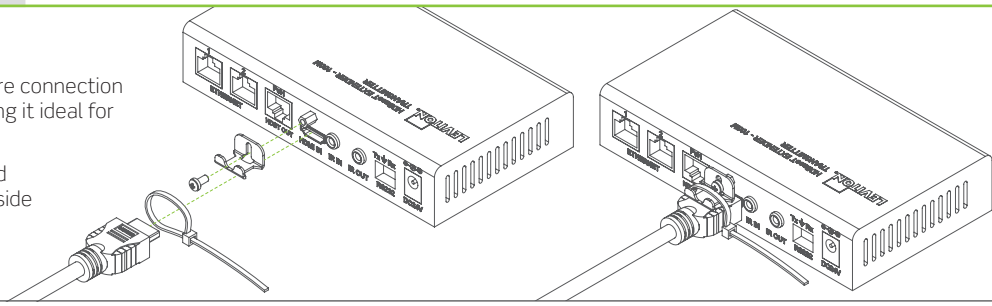
HDBT™

HDBASET EXTENDER TRANSMITTERS & RECEIVERS		
DESCRIPTION		PART NO.
[A]	HDBaseT Extender, Transmitter and Receiver, 100 m	41910-HTE
[B]	HDBaseT Extender, Transmitter and Receiver, 70 m	41910-HT0
[C]	HDBaseT Extender, Receiver only, 70 m	41910-HTR
[D]	HDBaseT Extender IR Emitter and Receiver Kit	41910-HIR

SPOTLIGHT HDMI Cable Lock Kit

The Leviton HDMI Cable Lock Kit provides a secure connection to all Leviton HDMI Signal Extension devices, making it ideal for in-wall and permanent-system installations.

The kit includes two sets of universal adapters and screws to secure the cable from either the top or side of the connector body.



A

B

C

HDMI® EXTENDER TRANSMITTER & RECEIVER

The HDMI Extender Transmitter and Receiver extends your HD display up to 130 feet (40 meters) away from your HDMI source using two category cables. They are capable of supporting DVI-D (Single-Link) equipment when used with a HDMI-to-DVI adapter, providing greater flexibility and installation options.

- 8-segment equalization adjustment switch
- Extend 1080p by 40 meters; extend 1080i (HDTV) by 60 meters
- Superior video quality — 1920 x 1200, up to 1080p
- Supports Dolby True HD® and DTS HD Master Audio™
- DDC and HDCP 1.1 compatible
- For commercial use only
- Locking HDMI connector
- Compact metal housings
- Transmitter and receiver power supplies and mounting brackets included

HDMI CABLES

Leviton high-speed HDMI Cables with Ethernet and Audio Return Channel are ideal for supporting in-wall and permanent installations for education, health care, enterprise, government, and residential applications

- cULus listed
- CL2 rated for in-wall installation
- Compact connector body and flexible cable accommodate common box depths while maintaining minimum bend radius
- Commercial-grade, 28-gauge construction
- Gold-plated connectors for long-lasting performance
- HDMI Cable Lock Kit secures cable to Leviton Signal Extension devices for permanent installations
- Includes two universal adapters, two tie wraps, M3X05, and 4-40 UNC screws

	DESCRIPTION	PART NO.
HDMI EXTENDER TRANSMITTER & RECEIVER		
[A]	HDMI Extender, Transmitter and Receiver, 40 m	41910-H00
HDMI CABLES		
	HDMI Cable, 3 ft	41900-03E
[B]	HDMI Cable, 6 ft	41900-06E
	HDMI Cable, 10 ft	41900-10E
	HDMI Cable, 15 ft	41900-15E
HDMI CABLE LOCK KIT		
[C]	HDMI Cable Lock Kit	41900-LKT

A

USB 1.1 Extender B

C

D

VGA EXTENDER TRANSMITTER & RECEIVER

The VGA Extender allows you to extend the distance between your AV source and display devices by as much as 328 feet (100 meters). The transmitter and receiver connect over a single category cable, providing an easy way to replace heavy and expensive VGA cables. The extender is a compact, convenient and economical addition to your AV setup.

- Screen resolutions include:
  1920 x 1200 @ 60 Hz (30 meters)
  1600 x 1200 @ 60 Hz (100 meters)
  1280 x 1024 @ 60 Hz (150 meters)
- Adjustable Gain Control lets you manually adjust signal strength to compensate for distance
- Audio enabled (mono)
- No external power supply needed for transmitter
- Receiver powered either by included USB power cable or DC adapter
- Compact metal housing for convenient docking on the display device

USB EXTENDER

The USB Extender lets you locate your USB device or hub at greater distances from your computer, overcoming the typical 15-foot USB cable limitation. The extenders are ideal for classrooms with interactive board or projector installations.

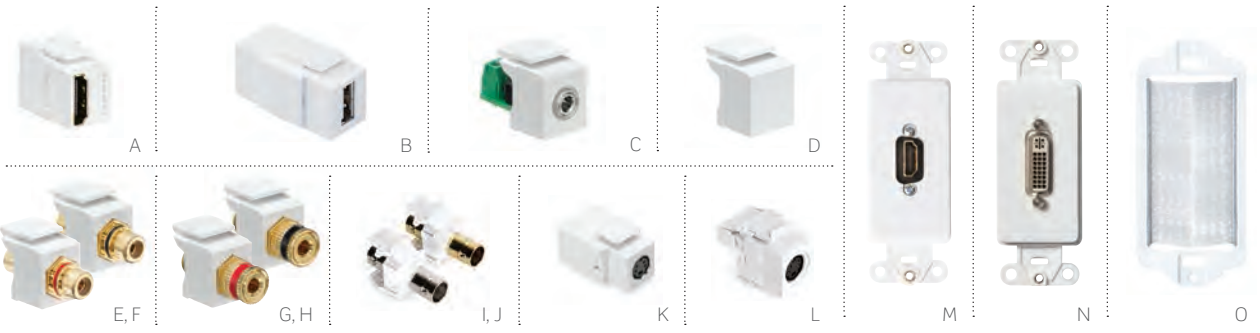
- Consists of a local unit and a remote unit - no external power supply needed
- Supports USB 12 Mbps data rate
- Extend transmission distance up to 164 ft (50 m) using a single category cable
- No additional software/drivers required
- One-foot USB cable included with local unit

MIXING AUDIO AMPLIFIER & INFRARED REMOTE CONTROL KIT

Ideal for classrooms and meeting rooms, this Class D mini amplifier includes two line and one MIC inputs, which support EQ control and MIC mixing. With 2 x 20 W at 4 Ohm as default output, it can be switched to 1 x 40 W at 8 Ohm by bridge connection.

- Two switchable analog audio inputs
- One three-level MIC input with mixer function
- Stereo, dual mono, and bridge output mode selectable
- Bass, treble, and volume adjustable for each input
- Loop output to cascade to another amplifier
- Locking power adapter
- Controllable via button, RS232, and IR
- Infrared Remote Control Kit includes remote control, IR sensor, and IR target to control amplifier

VGA EXTENDER TRANSMITTER & RECEIVER		
DESCRIPTION		PART NO.
[A]	VGA Extender Transmitter and Receiver, 100 m	41910-V01
USB EXTENDERS		
[B]	USB Extender, 50 m	41910-U11
MINI DIGITAL AMPLIFIER		
[C]	Mixing Audio Amplifier	41920-A01
[D]	Infrared Remote Control Kit	41920-AIR



AV CONNECTORS & ADAPTERS

- HDMI® connector works with HDMI Type A connectors
- Binding Post and Banana Jack connectors are excellent for advanced audio
- QuickPort Blanks secure unused ports in wallplates and housings for future expansion
- 3.5 mm Stereo Adapter facilitates classroom, workstation, and computer audio applications
- Use BNC connectors for commercial CCTV or commercial video signals
- S-video for enhanced video streams available in feedthrough and 110 termination
- Decora® wallplate inserts with HDMI and DVI connections provide high-definition video with in-wall wiring
- Decora brush passthrough offers a clean, professional appearance when cables need to pass through a wall opening

QUICKPORT AV CONNECTORS & BLANKS							
	DESCRIPTION	WHITE	LT. ALMOND	IVORY	GREY	BLACK	BROWN
[A]	HDMI Connector, feedthrough	40834-00W	40834-00T	40834-00I	—	40834-00E	—
[B]	USB A/A Connector, feedthrough	40835-00W	—	40835-00I	40835-00G	—	—
[C]	3.5 mm Stereo Adapter, screw terminal	40839-SWS	—	40839-SIS	—	—	—
[D]	Blank Insert (pack of 10)	41084-0BW	41084-0BT	41084-0BI	41084-0BG	41084-0BE	41084-0BB
[E]	Banana Jack Connector, red stripe, feedthrough	40837-BWR	40837-BTR	40837-BIR	—	—	—
[F]	Banana Jack Connector, black stripe, feedthrough	40837-BWE	40837-BTE	40837-BIE	—	—	—
[G]	Binding Post Connector, red stripe, feedthrough	40833-BWR	40833-BTR	40833-BIR	—	40833-BER	40833-BBR
[H]	Binding Post Connector, black stripe, feedthrough	40833-BWE	40833-BTE	40833-BIE	—	40833-BEE	40833-BBE
[I]	BNC Connector, nickel plated, feedthrough	41084-BWF	41084-BTF	41084-BIF	41084-BGF	41084-BEF	41084-BBF
[J]	BNC Connector, gold plated, feedthrough	40832-0BW	40832-0BT	40832-0BI	—	—	—
[K]	S-Video Connector, feedthrough	40734-CVW	—	40734-CVI	—	—	—
[L]	S-Video Adapter, 110 termination	40734-SVW	40734-SVT	40734-SVI	40734-SVG	40734-SVE	—
DECORA AV INSERTS							
[M]	HDMI Insert, feedthrough	41647-00W	—	41647-00I	—	—	—
[N]	DVI Insert, feedthrough	41648-00W	—	41648-00I	—	—	—
[O]	Brush Insert, Passthrough	41075-DBW	—	—	—	—	—

White · Light Almond · Ivory · Grey · Black · Brown

RCA & F-CONNECTORS IN FEEDTHROUGH & 110-STYLE

Leviton carries a comprehensive selection of RCA and F-connectors in both feedthrough and 110 termination. Body colors match Leviton housings; barrel colors are industry standard.

- RCA Connectors use standard identification colors for component and composite video
- Coax F-Connectors are SCTE-compliant and support signals up to 3 GHz

QUICKPORT FEEDTHROUGH RCA & F-CONNECTORS (FOR RCA & COAX CABLE)							
DESCRIPTION		WHITE	LT. ALMOND	IVORY	GREY	BLACK	BROWN
[A]	RCA Connector, gold plated with black stripe, feedthrough	40830-BWE	40830-BTE	40830-BIE	40830-BGE	40830-BEE	40830-BBE
	RCA Connector, gold plated with red stripe, feedthrough	40830-BWR	40830-BTR	40830-BIR	40830-BGR	40830-BER	40830-BBR
	RCA Connector, gold plated with yellow stripe, feedthrough	40830-BWY	40830-BTY	40830-BIY	—	—	—
	RCA Connector, gold plated with green stripe, feedthrough	40830-BWV	—	40830-BIV	—	—	—
	RCA Connector, gold plated with blue stripe, feedthrough	40830-BWL	—	40830-BIL	—	—	—
[B]	F-Connector, nickel plated, feedthrough	41084-FWF	41084-FTF	41084-FIF	41084-FGF	41084-FEF	41084-FBF
[C]	F-Connector, gold plated, feedthrough	40831-0BW	40831-0BT	40831-0BI	—	—	—
QUICKPORT 110-STYLE RCA CONNECTORS (FOR CAT 6 OR CAT 5E CABLE)							
[D]	RCA Connector, gold plated with red barrel, 110 termination	40735-RRW	40735-RRT	40735-RRI	40735-RRG	40735-RRE	—
	RCA Connector, gold plated with white barrel, 110 termination	40735-RWW	40735-RWT	40735-RWI	40735-RWG	40735-RWE	—
	RCA Connector, gold plated with yellow barrel, 110 termination	40735-RYW	40735-RYT	40735-RYI	40735-RYG	40735-RYE	—
	RCA Connector, gold plated with green barrel, 110 termination	40735-RVW	—	40735-RVI	—	—	—
	RCA Connector, gold plated with blue barrel, 110 termination	40735-RLW	—	40735-RLI	—	—	—
	RCA Connector, gold plated with orange barrel, 110 termination	40735-ROW	40735-ROT	40735-ROI	40735-ROG	40735-ROE	—

White · Light Almond · Ivory · Grey · Black · Brown

A, B

C-E

COMPRESSION & CRIMP-ON F-CONNECTORS

- Leviton compression and crimp-on connectors are ideal for more specialized AV applications
- Compression connectors offer an airtight seal and secure fitting for increased cable retention
- Crimp-on connectors are an economical solution for less demanding applications

COMPRESSION, CRIMP-ON & TWIST-ON RCA & F CONNECTORS

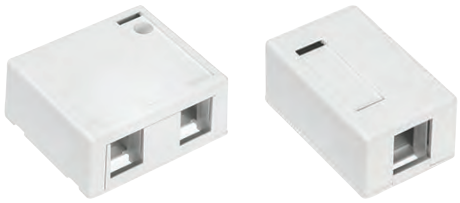
DESCRIPTION	RG-59 CABLE	RG-6 CABLE	RG-6 QUAD SHIELD
RCA Compression Connector (colored rings included)	—	—	**[A]** 40985-CRU
Compression F-Connector (colored rings included)	—	—	**[B]** 40985-CPF
F-Connectors, one-piece crimp-on (bag of 100)	**[C]** 40985-1P9	**[D]** 40985-1P6	**[E]** 40985-0Q6

See page A37 for master compression and crimping tools.

SPOTLIGHT Plenum-Rated Surface-Mount QuickPort® Boxes

Surface-Mount QuickPort Box
Attached to In-Ceiling Bracket

One- and two-port Surface-Mount QuickPort Boxes are plenum rated, making them ideal for housing QuickPort connectors in air-handling spaces above a drop ceiling. The low-profile boxes contain knockouts to accommodate raceway and cable entry, and can be mounted to Leviton In-Ceiling Brackets that attach to standard drop wires or rods. Learn more on page D3.



Plenum-Rated
Surface-Mount QuickPort Boxes

MULTIMEDIA OUTLET SYSTEM (MOS)

The innovative Multimedia Outlet System (MOS) consists of surface-mount boxes and single- and dual-gang wallplates that accept a variety of copper, fiber, and AV connectors. The system is ideal for multimedia applications in conference rooms, training rooms, classrooms, auditoriums, and other areas.

- Front-load installation ensures simple moves, adds, and changes
- Modules are available in 0.5-, 1-, 1.5-, 2-, and 3-unit high sizes
- Accommodates a combination of QuickPort® connectors and larger AV components such as 3-port composite/component RCA and HD-15 connectors
- Large Surface-Mount Box accepts 3 modules (1 unit high only)
- Wallplates accept 3 units high total per gang
- Surface-Mount Housing accepts one 1-unit high module and is plenum rated for use in air handling environments

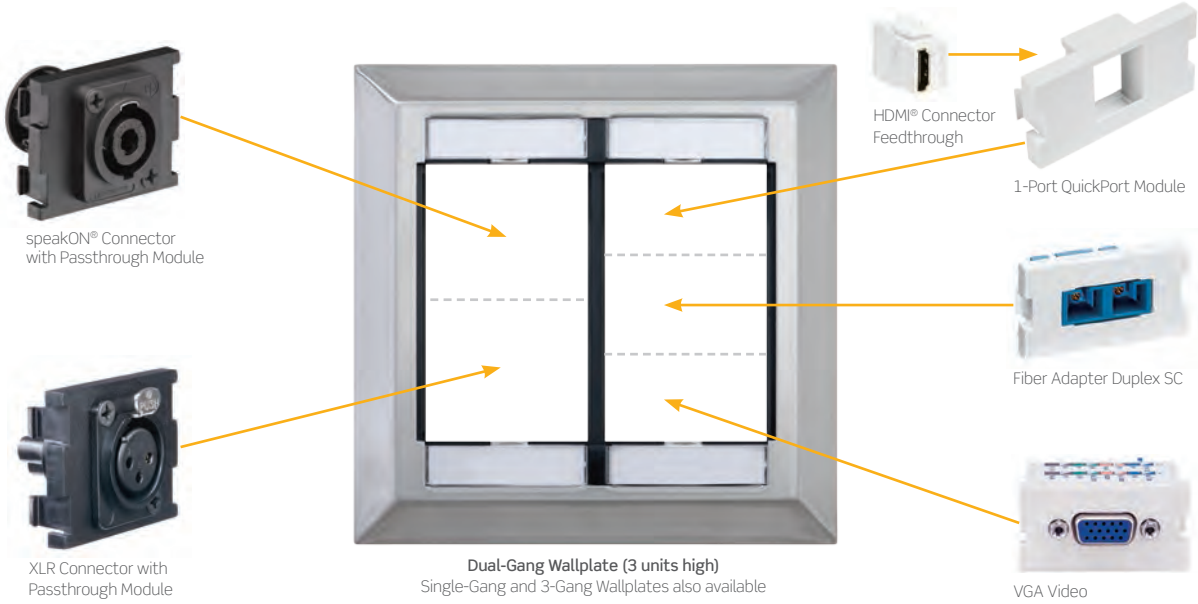
WATCH: TRAINING VIDEOS

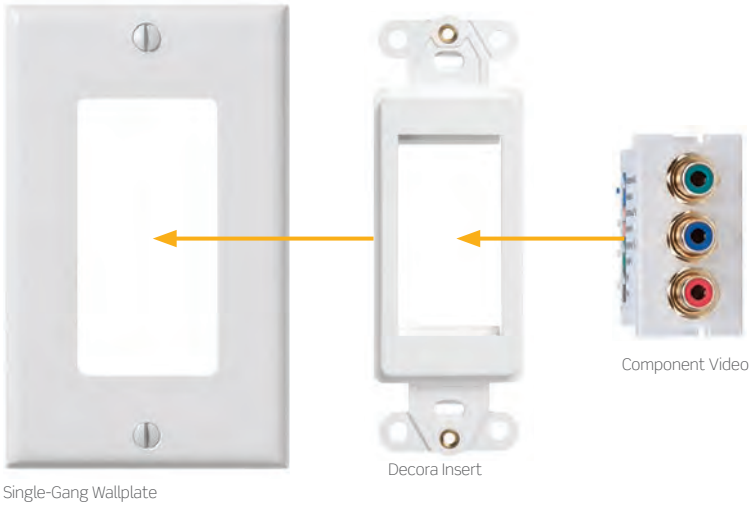
Leviton.com/ns/videos
"Enhanced MOS RCA Module Installation"
and "Enhanced MOS VGA Module Installation"

Stainless-steel wallplates available in 1-, 2-, and 3-gang configurations

QUICKPORT & MOS COMPATIBILITY

The highly flexible front-loading Multimedia Outlet System (MOS) and QuickPort® Solutions work together to provide hundreds of possible configurations. Select MOS, MOS and QuickPort, or QuickPort only configurations. Blank inserts are also available to create a finished look when building in extra capacity for future growth. For more information about configuring your MOS installation, visit Leviton.com/MOS.





MOS MODULES WILL ALSO WORK WITH DECORA® WALLPLATES

Just snap one-unit high modules into Decora inserts.

See page B70 for the complete line of QuickPort fiber adapters.

A

B

C

D

E

F

G

MOS SURFACE-MOUNT BOX AND WALLPLATE HOUSINGS

DESCRIPTION		WHITE	LT. ALMOND	IVORY	GREY	BLACK	STAINLESS
[A]	Single-Gang Wallplate	41290-SMW	41290-SMT	41290-SMI	41290-SMG	41290-SME	41290-SMS
[B]	Dual-Gang Wallplate	41290-DMW	41290-DMT	41290-DMI	41290-DMG	41290-DME	41290-DMS
[C]	Three-Gang Wallplate	—	—	—	—	—	41290-TMS
[D]	Surface-Mount Box*, 3 unit with Fiber Storage	41296-MMW	41296-MMT	41296-MMI	41296-MMG	41296-MME	—
[E]	Surface-Mount Housing, holds one 1-unit high module	4M089-1WM	4M089-1IM	4M089-1TM	4M089-1GM	4M089-1EM	—
[F]	Fiber Storage/Spacer Ring °	41290-DRW	—	41290-DRI	41290-DRG	41290-DRE	—
[G]	Decora® Insert, holds one 1-unit high module	41649-00W	41649-00T	41649-00I	41649-00G	41649-00E	—

* = Surface-mount box is not compatible with 41295-V**, 41292-D**, and 41292-A**.
° = Dual-gang only.

H

I

J

K

L

M

N

O

P

Q

R

MULTIMEDIA OUTLET SYSTEM AV CONNECTOR MODULES (All modules are 1 unit high unless noted otherwise)

DESCRIPTION		WHITE	LT. ALMOND	IVORY	GREY	BLACK
[H]	VGA PC Module, 110-style termination^	41295-VPW	41295-VPT	41295-VPI	41295-VPG	—
[I]	VGA Monitor Module, 110-style termination^	41295-VMW	41295-VMT	41295-VMI	41295-VMG	—
[J]	VGA/HD15 Module, screw terminal	41295-HDW	—	41295-HDI	—	—
[K]	VGA/HD15 Module, feedthrough	41293-HDW	41293-HDT	41293-HDI	41293-HDG	41293-HDE
	VGA/HD15 Module, empty	41291-DBW	—	41291-DBI	41291-DBG	41291-DBE
[L]	RCA Component Video Module, 110-style termination (red, green, blue)	41292-DEW	41292-DET	41292-DEI	—	—
[M]	RCA Composite Video Module, 110-style termination (red, white, yellow)	41292-AEW	41292-AET	41292-AEI	—	—
[N]	3-Port RCA Module (red, black, yellow), feedthrough	41292-3RW	41292-3RT	41292-3RI	41292-3RG	41292-3RE
[O]	3-Port RCA Module (red, green, blue), feedthrough	41292-3DW	41292-3DT	41292-3DI	41292-3DG	41292-3DE
[P]	HDMI® Module, feedthrough	41290-HDW	41290-HDT	41290-HDI	41290-HDG	41290-HDE
[Q]	speakON® Connector, 4 pole, screw terminal*	—	—	—	—	41297-SP4
[R]	XLR Connector, 3 pole, screw terminal*	—	—	—	—	41297-XL3

^ = 110-Style VGA modules require both PC and Monitor modules used in pairs to operate. This applies to F and G only.
* = 1.5 units high speakON and XLR Connectors must be installed in 1.5 unit high MOS Passthrough Module (41297-2Px).

MOS FIBER INSERTS

DESCRIPTION		WHITE	IVORY	GREY	BLACK
[A]	1 Duplex SC, zirconia ceramic, SM/M, blue, (1 unit high)	41291-2CW	41291-2CI	41291-2CG	41291-2CE
[B]	1 Duplex SC, zirconia ceramic, SM/MM, blue, 45˚ exit (1.5 units high)*	41294-2CW	41294-2CI	41294-2CG	41294-2CE
[C]	1 Duplex SC, zirconia ceramic, SM/MM, blue, 45˚ exit (2 units high)*	41292-2CW	41292-2CI	41292-2CG	41292-2CE
[D]	2 Duplex SC, zirconia ceramic, SM/MM, blue, 45˚ exit (3 units high)*	41293-4CW	41293-4CI	41293-4CG	—
	1 Duplex ST, zirconia ceramic, SM, (1 unit high)	41291-ZTW	41291-ZTI	—	41291-ZTE
[E]	1 Duplex ST, phosphor bronze, MM, (1 unit high)	41291-2TW	41291-2TI	—	41291-2TE

* = Angled fiber connectors must be installed in lower 2RU of MOS wallplates

For multimode SC adapters in beige, blue, or aqua housing, please contact inside sales at 800.722.2082.

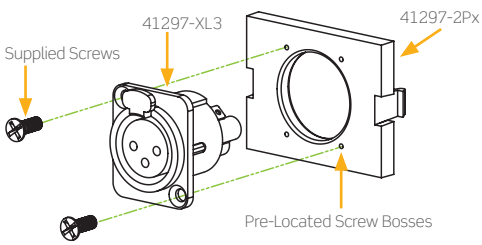
MOS ADAPTERS & BLANK MODULES

DESCRIPTION		WHITE	LT. ALMOND	IVORY	GREY	BLACK
[F]	1-Port QuickPort Module (1 unit high)	41291-1MW	41291-1MT	41291-1MI	41291-1MG	41291-1ME
[G]	2-Port QuickPort Module (1 unit high)	41291-2QW	41291-2QT	41291-2QI	41291-2QG	41291-2QE
[H]	2-Port 45˚ Exit Angled QuickPort Module (1.5 units high)	41294-2QW	41294-2QT	41294-2QI	41294-2QG	41294-2QE
[I]	Passthrough Module (1.5 units high)	41297-2PW	41297-2PT	41297-2PI	41297-2PG	41297-2PE
[J]	Blank Module (0.5 unit high)	41295-5BW	41295-5BT	41295-5BI	41295-5BG	41295-5BE
[K]	Blank Module (1 unit high)	41291-1BW	41291-1BT	41291-1BI	41291-1BG	41291-1BE
[L]	Blank Module (1.5 units high)	41294-2BW	41294-2BT	41294-2BI	41294-2BG	41294-2BE
[M]	Blank Module (2 units high)	41292-2BW	41292-2BT	41292-2BI	41292-2BG	41292-2BE

SPOTLIGHT Multimedia Outlet System (MOS) XLR Connector

The Multimedia Outlet System (MOS) XLR Connector is ideal for microphone and audio enhancement connections. The connector is robust, versatile, and easy to terminate. And when installed in a MOS Passthrough module, it can easily mount in any MOS wallplate, offering an aesthetically pleasing means to transition a pre-terminated cable from the back to front of a MOS wallplate.

Note: speakON connector (41297-SP4) and other standard XLR-style chassis connectors use the same mounting method.



A

B

C

D

E

LEVITON ARCHITECTURAL EDITION® POWERED BY JBL IN-WALL & IN-CEILING SPEAKERS

- JBL titanium-laminate drivers maintain accuracy and clarity even at frequency extremes
- Straight-Line Signal Path™ (SSP) crossover network for minimal signal distortion
- Long-excursion woofers with butyl-rubber half-round surrounds and extended pole-piece magnetic structures for maximum bass impact and dynamic range
- Low-diffraction, swivel-tweeter mounting system for optimum stereo imaging
- Heavy-duty push-type input terminals for long-term connection integrity
- Integrated dog-ear mounting brackets (optional rough-in kits available for installation in new homes)
- Acoustically transparent, paintable grills

LEVITON ARCHITECTURAL EDITION POWERED BY JBL OUTDOOR SPEAKERS

- Elliptical Oblate Spheroidal™ (EOS) Waveguide technology for high-frequency dispersion
- Straight-Line Signal Path (SSP) crossover networks for minimal signal distortion
- 5-way binding post input terminals for long-term connection integrity
- Mounting brackets included

PRE-CONSTRUCTION KITS

- Pre-construction kits ensure that speaker locations and wiring are preserved and protected during construction, allowing for a cleaner, faster, and more precise installation during the trim-out stage
- Fire-Rated Back Box meets fire code for MDU and residential installations

Leviton Architectural Edition® HOME ENTERTAINMENT SYSTEMS powered by JBL®

	DESCRIPTION	PART NO.
LEVITON ARCHITECTURAL EDITION POWERED BY JBL IN-WALL AND IN-CEILING SPEAKERS		
[A]	Pair of 6.5" Two-Way In-Wall Loudspeakers, 80 watts, 8 ohms	AEI65-000
[B]	Pair of 8" Two-Way In-Wall Loudspeakers, 100 watts, 8 ohms	AEI80-000
[C]	Pair of 6.5" Two-Way In-Ceiling Loudspeakers, 80 watts, 8 ohms	AEC65-000
	Pair of 8" Two-Way In-Ceiling Loudspeakers, 100 watts, 8 ohms	AEC80-000
[D]	6.5" Two-Channel / Single Location Two-Way In-Ceiling Loudspeakers, two titanium tweeters, dual voice-coil titanium-laminate woofer, 50 watts/channel, 8 ohms	AEM65-000
LEVITON ARCHITECTURAL EDITION POWERED BY JBL OUTDOOR SPEAKERS		
[E]	Pair of Outdoor/All-Weather Two-Way Loudspeakers in Enclosure, 0.50" tweeter, 4" woofer, 200 watts, 8 ohms	AEAWS-C1W
PRE-CONSTRUCTION KITS		
	6.5" Pre-Construction Speaker Kit for in-wall installations	AEPI6-KIT
	8" Pre-Construction Speaker Kit for in-wall installations	AEPI8-KIT
	Fire-Rated Back Box (Required for 6.5" in-ceiling speakers AEC65, AEM65), (See page C22 for photo.)	AEBC6-000

A

B

C

SPEC-GRADE SOUND SPEAKERS

- AeroNylon tweeter diaphragm provides crystal-clear treble response and exceptionally accurate tracking of even the most challenging musical transients
- Built-in AutoSurge® circuit protection helps prevent speaker damage
- Advanced phase/time alignment guide properly aligns sound without misaligning the tweeters
- Precision dividing network ensures total audio signal electronic integrity up to the last microsecond before the signal is converted into sound
- Inert mounting frame with "dogleg" installation points eliminates any transmitted vibrations that could alter in-wall or in-ceiling sound quality
- Acoustically transparent, paintable grills

SPEC GRADE SOUND™

PRE-CONSTRUCTION KITS

- Fire-Rated Back Box meets fire code for MDU and similar commercial installations

SPEC-GRADE SOUND IN-WALL/IN-CEILING INDOOR SPEAKERS		
DESCRIPTION		PART NO.
[A]	Pair of 6.5" Spec-Grade Two-Way In-Ceiling Loudspeakers, 120 W peak/ 60 W RMS, 8 ohms	SGC65-00W
[B]	Pair of 6.5" Spec-Grade Two-Way In-Wall Loudspeakers, 120 W peak/ 60 W RMS, 8 ohms	SGI65-00W
PRE-CONSTRUCTION KITS		
[C]	Fire-Rated Back Box (Required for 6.5" in-ceiling speakers SGC65)	AEBC6-000

SPOTLIGHT AV Cable Recommendations for HDBaseT

HDBT™ HDBASE

Using HDBaseT™ technology you can transmit HDMI® signals over category-rated cable, delivering the high resolution needed over distances up to 100 meters. In the white paper "AV Cable Recommendations for HDBaseT," you'll learn why Cat 6A UTP cable with Alien Crosstalk Prevention Technology is ideal for supporting IT/AV applications over longer distances. Plus, you'll also gain a better understanding of HDBaseT standards and applications, as well as be able to review comprehensive test results for different category-rated cables used in HDBaseT certified links. To read the white paper, visit leviton.com/ns/whitepapers.

A

B

C

IN-WALL SPEAKERS

- Straight-Line Signal Path™ (SSP) crossover network for minimal signal distortion
- JBL® titanium-laminate drivers, pure titanium tweeter, and polymer-coated aluminum woofers maintain musical accuracy and clarity, even at frequency extremes
- Low-diffraction, swivel-tweeter mounting system of optimum stereo imaging

SHELF-MOUNT CENTER CHANNEL SPEAKER

- Straight-Line Signal Path (SSP) crossover network for minimal signal distortion
- Dual 5-inch JBL PolyPlas cone woofers
- FreeFlow flared port for increased bass response without added port noise

SUBWOOFER

- JBL PolyPlas™ woofer for low frequencies
- High-efficiency, high-current switching amplifier
- FreeFlow™ flared port for increased bass response without added port noise
- Built-in technologies allow simple adjustment for room acoustics and personal preference
- LFE and line level inputs for maximum connection flexibility

LEVITON ARCHITECTURAL EDITION® POWERED BY JBL HOME THEATER SPEAKERS		
DESCRIPTION		PART NO.
[A]	Dual 5" Two-Way In-Wall Center Channel Home Theater Loudspeakers, 120 watts, 8 ohms	AEI55-000
[B]	Dual-Channel Two-Way Shelf-Mounted Center Channel Loudspeaker, silver grill, 75 watts / 300 watts, 8 ohms	AECCS-VCE
[C]	Powered 12" Subwoofer with amplifier, silver grill, 400 watts RMS, 700 watts peak, 8 ohms	AESUB-012
	Pre-Construction Kit, in-wall center channel shelf for use with AEI55-000	AEPIS-KIT

A

B

C

D

DECORA® STRAUSS™ TRANSFORMER-FREE VOLUME CONTROLS

- Contemporary slider design brings precision and elegance to any installed audio system
- Available in standard and impedance-matched versions
- Volume control uses standard Decora wallplate in a standard J-Box or low-voltage mounting ring
- Color-change kits ensure the right finishing touch for every application

SYSTEM MATCHING MODULE

- Combine with non-impedance-matching Volume Controls to control up to six speaker pairs (cannot be used with impedance-matching volume controls)
- AutoSurge® circuit technology protects speakers from potentially damaging transients
- Designed to mount in Leviton Structured Media® Enclosures

1X6 AUDIO DISTRIBUTION MODULE

- Combines with impedance-matching Volume Controls to control up to six speaker pairs from an amplifier or receiver
- Designed to mount in Leviton Structured Media enclosures and connect to six rooms/zones

	DESCRIPTION	PART NO.
AUDIO SYSTEM VOLUME CONTROLS		
[A]	Decora Strauss Transformer-Free Slider Volume Control, analog, 200 watts peak, 100 watts RMS, 4-16 ohms, 8 ohm nominal (for use with SGAMP-000) (Decora wallplate sold separately, see page D10)	SGVST-00W
[B]	Decora Strauss Transformer-Free Impedance-Matching Slider Volume Control, analog, 200 watts peak, 100 watts RMS, 4-16 ohms, 8 ohm nominal (for use with 48211-06A)	SGVSM-00W
	Decora Strauss Color-Change Kit, converts to light almond	SGVCK-0LA
	Decora Strauss Color-Change Kit, converts to ivory	SGVCK-00I
	Decora Strauss Color-Change Kit, converts to black	SGVCK-00E
SYSTEM MATCHING MODULE		
[C]	System Matching Module for impedance-matching passive two-channel multi-room audio systems (for use with SGVST-00W)	SGAMP-000
1X6 AUDIO DISTRIBUTION MODULE		
[D]	1x6 Passive Audio Module (for use with SGVSM-00W)	48211-06A

White | Light Almond | Ivory | Black

SPOTLIGHT Impedance Matching Difference

When installing an audio system, it is important to have an impedance-matching component paired with a standard component. Failure to do so may have a negative effect on the audio system.

Do NOT use an impedance-matching volume control with an impedance-matching module, and do NOT use a standard volume control with a passive audio module. Doing so, in either instance, could damage the amplifier.

SGVST-00W SGAMP-000 SGVSM-00W 48211-06A

A

B

C

D

Mobile Device Station and
USB Charger/Tamper-Resistant Receptacle

E

F

G

Decora Mobile Device Station H

Renu Mobile Device Station I

J

HOME THEATER, MULTI-ROOM & SPEAKER WALLPLATES

- Designed for easy installation of cables using low-voltage rings and standard low-voltage junction boxes
- Home Theater Interface wallplate (AEHTK) accommodates 5.1 to 7.1 channel surround-sound systems, and features RCA connectors for subwoofer connection and two extra QuickPort® openings
- Multi-room Audio wallplate (AEMRK) accommodates left and right audio speakers (± connections), and two extra openings for additional QuickPort connectors (e.g., adding a subwoofer or 3.5 mm stereo phone jack)
- Speaker wallplate allows for simple, solderless connections to any home entertainment speaker system

RECESSED ENTERTAINMENT BOX (REB)

- Affordable solution manages home theater electronics in a single location
- Ideal for new construction (stud-mounted) and retrofit (wall-mounted) applications
- Low-profile frame provides neat, recessed installation
- Optional high-profile cover includes sliding plastic front panels, and channels all wires through the bottom of the unit

RECESSED RECEPTACLES

Recessed Single-Gang Receptacle

- Fits most standard electrical boxes
- Supplies AC power for one or two components (flat panel TVs and video receiver)
- cULus Approved, code-compliant solution

Recessed Dual-Gang Duplex Receptacle with Six QuickPort Openings

- Centralizes connection points for AC power, audio, video, data, and phone
- Includes plastic electrical box for use in new and retrofit construction
- UL Approved, code-compliant solution

MOBILE DEVICE STATION

- Turns a receptacle outlet into a convenient storage location for smartphones and MP3 players
- Installs without creating any new holes in the wall
- Available in both Decora® and Renu® styles
- Integrated cable management keeps charging cables organized and protected
- Requires a Leviton wallplate, sold separately
- Ideal with Leviton USB charger/tamper-resistant receptacle

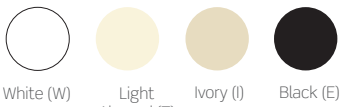
USB CHARGER/TAMPER-RESISTANT RECEPTACLE

- USB ports with a combined power of 3.6 A, ideal for charging tablets and other high-draw devices
- Compact design fits in a standard wallbox, is compatible with standard wallplates, and can be multi-ganged with other standard Leviton devices
- Back and side wired for easy installation
- Smart chip designed for recognizing and optimizing the charging requirements of your device
- Tamper-Resistant NEC® Compliant shutter mechanism blocks access to contacts from most foreign objects

	DESCRIPTION	PART NO.
HOME THEATER AND MULTI-ROOM WALLPLATES		
[A]	Home Theater Interface Wallplate, 14 gold-plated spring clips, two RCA connectors, two QuickPort® openings	AEHTK-000
[B]	Multi-Room Install Wallplate, two gold-plated spring clips, two QuickPort openings	AEMRK-000
[C]	Single-Gang Single Spring-Clip Device Audio/Video Wallplate, standard size, polymer break resistant, box mount	40951-1PW
[D]	Single-Gang Double Spring-Clip Device Audio/Video Wallplate, standard size, polymer break resistant, box mount	40952-2PW
RECESSED DEVICES & ENTERTAINMENT BOX		
	Single-Gang Recessed Single Receptacle 15A-125VAC, 2-Pole, 3-Wire — NEMA 5-15R, includes clock hanger hook	00688-00*
	Single-Gang Recessed Single Receptacle, Non-Magnetic Stainless Steel 15A-125VAC, 2-Pole, 3-Wire — NEMA 5-15R, includes clock hanger hook	05261-0CH
[E]	Single-Gang Recessed Duplex Receptacle 15A-125VAC, 2-Pole, 3-Wire — NEMA 5-15R	00689-00†
	Single-Gang Recessed Single Receptacle, Non-Magnetic Stainless Steel 20A-125VAC, 2-Pole, 3-Wire — NEMA 5-20R, includes clock hanger hook	05361-0CH
[F]	Dual-Gang Recessed Duplex Receptacle and Openings for six QuickPort Modules 15A-125VAC, 2-Pole, 3-Wire — NEMA 5-15R (four blank inserts included)	00690-00*
	Recessed Entertainment Box with Low-Profile Frame	47617-REB
[G]	Recessed Entertainment Box with High-Profile Cover	47617-RBH
	High-Profile Cover	47617-HPC
	Low-Profile Frame	47617-LPF
	Replacement Snap-in Plates, 2 per bag	47617-PLT
MOBILE DEVICE STATION & USB CHARGER / RECEPTACLE		
[H]	Decora® Mobile Device Station, White	47112-00W
	Decora Mobile Device Station, Light Almond	47112-00T
	Decora Mobile Device Station, Black	47112-00E
[I]	Renu® Mobile Device Station, White on White	47112-RWW
	Renu Mobile Device Station, Navajo Sand	47112-RNS
	Renu Mobile Device Station, Onyx Black	47112-ROB
[J]	USB Charger/Tamper-Resistent Receptacle	T5632-00W

* = Color: White (W), Ivory (I)

† = Color: White (W), Lt. Almond (T), Ivory (I), Black (E)



White (W) | Light Almond (T) | Ivory (I) | Black (E)

Renu Mobile Device Station Colors:

White On White | Navajo Sand | Onyx Black

SPOTLIGHT Recessed Entertainment Box

For an almost invisible installation behind wall-mounted TVs, entertainment centers, monitors, and more, connect with the Leviton Recessed Entertainment Box (REB). The REB centralizes AC power and low-voltage connection points for audio, video, data, and phones. It is perfect for supporting any low-voltage application across homes, apartments, co-ops, condominiums, and offices. REBs come with one snap-in cover plate for unused openings, and are available with either a low-profile frame or a high-profile cover that channels all wires through the bottom for a clean, finished look.

- The REB comes with one snap-in plate to cover unused openings; additional plates are sold separately.

BITWISE

The Leviton BitWise line offers powerful automation controllers, a completely customizable app interface, and our user-friendly, no-coding-required Project Editor software. From a single, easy-to-use control app, you can manage every aspect of AV and more for a room or campus, even if there's more than one location. For more information, go to Leviton.com/BitWise.

- BitWise control is integrated with Omni Systems for complete control of both security and AV systems
  - Integration into Omni Systems (create custom screens using Project Editor that allow control over AV and security features
  - OmniTouch 7 graphical elements (icons/backgrounds) can be downloaded for free, enabling custom screens to be built by an integrator using our default components, helping to match themes
  - Intercom support for BitWise — communicate from an OmniTouch 7 to a 2N (third party) door station
  - Omni-Bus Module can connect our popular hard-wired lighting control system without the need for an Omni security controller
- No per-device or per-job licensing fees
- Free Apple and Android control apps that can control more than one location's system on a single device
- U.S.-assembled controllers ensure the highest standards of quality and reliability

BITWISE AV CONTROLLERS

- Entry-level BC4 is perfect for conference rooms and classrooms
- BC2 includes additional inputs and outputs, including optional Wi-Fi® connectivity
- BC1 controller fits in an AV rack at full width and manages AV components in classrooms, retail, houses of worship, and more

INTERFACES

- Manage your system via the BitWise control app on iOS and Android devices, available on smartphones and tablets
- RF Room Remote and Remote Receiver control all BitWise connected devices in a room
- Up to 255 remotes can be incorporated into an installation, making it a scalable option for commercial projects

ACCESSORIES

- Optional power supplies, IR emitters, IR Learners, and Wi-Fi adapters enhance the capabilities of a BitWise control system
- PoE Power Injector provides up to 15.4 watts of power and 10/100M data transmission through category cable
- Both U.S. and international power supplies are available

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

BITWISE		
	DESCRIPTION	PART NO.
[A]	BC1, U.S. Power Supply, 8 IR ports, 4 RS232, 4 GPIO, 4 Relays, 1 IR input	BWBC1-000
	BC1, Intl Power Supply, 8 IR ports, 4 RS232, 4 GPIO, 4 Relays, 1 IR input	BWBC1-0NT
[B]	BC2, U.S. Power Supply, 4 IR ports; 2 RS232; 2 GPIO; 2 Relays	BWBC2-000
	BC2, Intl Power Supply, 4 IR ports, 2 RS232; 2 PIO, 2 Relays	BWBC2-0NT
[C]	BC4-BCX-1 PRO, U.S. power supply, BW BC4 with 4 IR ports, GPIO, RS232	BWBC4-000
	BC4-BCX-1 PRO, U.S. power supply, BW BC4 with 4 IR ports, GPIO, RS232	BWBC4-0NT
[D]	OmniTouch 7 Touchscreen	99A00-00*
[E]	OmniTouch 7 Table Top Display	99A16-00*
[F]	RF Remote Control	BWRMT-000
[G]	RF Remote Control Receiver	BWRRR-000
	BC-2 Rack Ears	BWEAR-000
[H]	Single Head Flashing IR Emitter	EN928-000
[I]	Dual Head Flashing IR Emitter	BWEM2-000
[J]	Adapter for connecting a BC-1 IR In port to a Distributed IR system	BWIRA-000
[K]	Wi-Fi Adapter with External Antenna	BWWFA-000
[L]	IR Receiver Module	BWIRI-000
[M]	IR Learner	BWIRL-000
[N]	DB9 Female-RJ45 Female Adapter	BWDBF-000
	DB9 Male-RJ45 Female Adapter	BWDBM-000
[O]	PoE Power Injector with A/C Cord	TS901-000
	U.S. Power Supply, 12V	BWDPS-000
	International Power Supply, 12VDC	BWIPS-000

* = Touchscreen Color: White (1), Black (2)

HOUSINGS & WALLPLATES

SECTION D CONTENTS

HOUSINGS & WALLPLATES

D3 QuickPort® Surface-Mount & DIN Rail-Mount Boxes

D4 QuickPort In-Ceiling & In-Wall Brackets

D6 QuickPort & QuickPlate® Wallplates

D9 QuickPort Decora® Inserts

D10 Decora® Telephone & Video Wallplates & Inserts

D11 Decora Single-Gang & Dual-Gang Wallplates

D12 Renu® Wallplates & Inserts

D13 QuickPort Modular Furniture Products

D14 Duplex, Round Opening & Blank Wallplates

D15 DuraPort® Industrial Connectivity

D17 86 mm x 86 mm International Wallplate Inserts & Frames

D19 Telephone & Video Wallplates

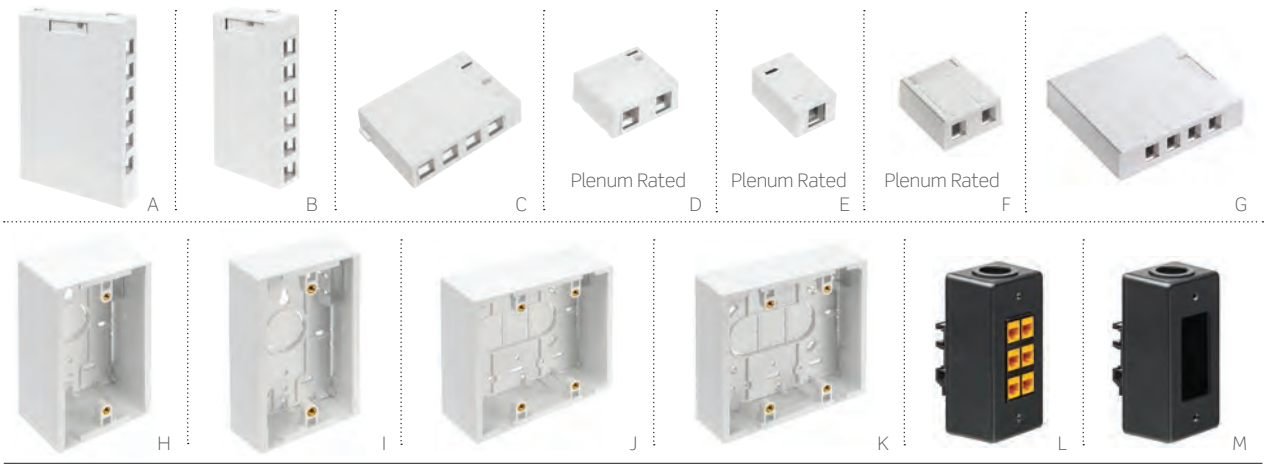
D19 Telephone Wall-Phone Jacks

D20 Round Telephone Inserts & Surface-Mount Boxes

D20 QuickPort Floor Box Assemblies

D21 Multimedia Outlet System (MOS)

HOUSINGS & WALLPLATES | QuickPort® Surface-Mount & DIN Rail-Mount Boxes



QUICKPORT BOXES, MODULES & ACCESSORIES

- Surface-mount boxes and back boxes have breakouts to match common raceway systems and cable entry
- One- and two-Port surface-mount boxes are plenum rated (compliant with NEC 300-22 (b)(c))
- Can mount with screws or adhesive mounting tape (both provided), or with magnets or modular furniture brackets (sold separately) (page D13)
- 4S089 products are designed to work with Leviton shielded or UTP Cat 6A connectors to allow proper bend-radius control

QUICKPORT DIN RAIL-MOUNT BOXES

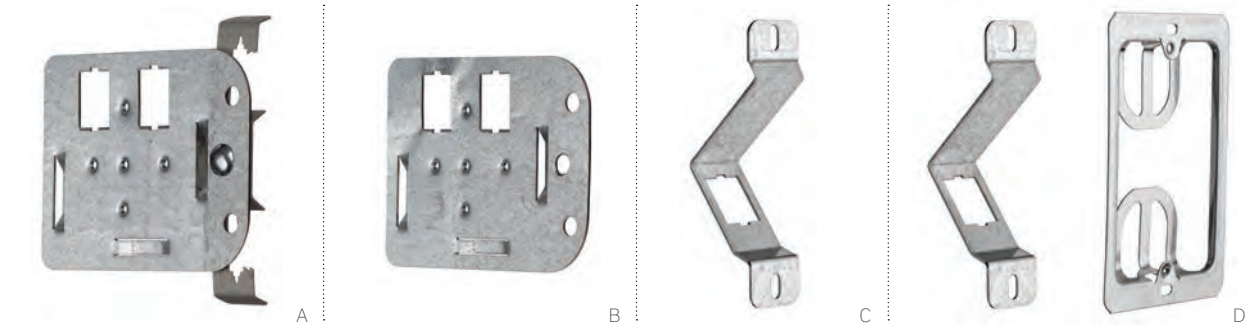
- Provide an ideal network patching location for industrial automation and control panels
- Compatible with standard and low-profile 35 mm symmetrical DIN rails and 32 mm asymmetrical DIN rails
- Accept one QuickPort Decora® Insert with one, two, three, four, or six ports
- Box depth suitable for Cat 5e or Cat 6 applications

QUICKPORT SURFACE-MOUNT BOXES						
	DESCRIPTION	WHITE	IVORY	LIGHT ALMOND	GREY	BLACK
[A]	12-Port Surface-Mount Box, 7.60" W x 5.02" D x 1.13" H	41089-12W	41089-12I	—	41089-12G	41089-12E
[B]	6-Port Surface-Mount Box, 6.38" W x 3.22" D x 1.08" H	41089-6WP	41089-6IP	—	41089-6GP	41089-6EP
[C]	4-Port Surface-Mount Box, 4.77" W x 3.21" D x 1.05" H	41089-4WP	41089-4IP	—	41089-4GP	41089-4EP
[D]	2-Port Surface-Mount Box, 2.52" W x 2.22" D x 1.10" H	41089-2WP	41089-2IP	41089-2TP	41089-2GP	41089-2EP
[E]	1-Port Surface-Mount Box, 1.42" W x 2.22" D x 1.10" H	41089-1WP	41089-1IP		41089-1GP	41089-1EP
[F]	2-Port Surface-Mount Box for Shielded Connectors*, 2.5" W x 3.00" D x 1.22" H	4S089-2WP	4S089-2IP	—	—	—
[G]	4-Port Surface-Mount Box for Shielded Connectors*, 5.6" W x 5.20" D x 1.22" H	4S089-4WP	4S089-4IP	—	—	—
SINGLE- AND DUAL-GANG SURFACE-MOUNT BACK BOXES						
[H]	Single-Gang Standard Back Box, 4.72" H x 2.96" W x 1.89" D	42777-1WA	42777-1IA	—	42777-1GA	42777-1EA
[I]	Single-Gang Shallow Back Box, 4.72" H x 2.96" W x 1.45" D	42777-1WB	42777-1IB	—	42777-1GB	42777-1EB
[J]	Dual-Gang Standard Back Box, 4.72" H x 4.77" W x 1.89" D	42777-2WA	42777-2IA	—	42777-2GA	42777-2EA
[K]	Dual-Gang Shallow Back Box, 4.72" H x 4.77" W x 1.45" D	42777-2WB	42777-2IB	—	42777-2GB	42777-2EB
QUICKPORT DIN RAIL-MOUNT BOXES						
[L]	DIN Rail-Mount Box, with 6-port QuickPort Decora Insert*	—	—	—	—	41089-6DN
[M]	DIN Rail-Mount Box, Empty	—	—	—	—	41089-0DN

*For shielded connectors and large bend-radius cables.

*QuickPort Connectors not included. See pages A12-A14.

White | Light Almond | Ivory | Grey | Black



IN-CEILING BRACKET

- Helps create a testable permanent link for cabling that terminates above a drop ceiling without using a traditional wallplate
- Brackets available individually or with pre-installed multi-function clip that attaches to standard drop wire or rod
- VELCRO®-brand tie-down points accommodate cabling slack loops
- Plenum-rated QuickPort one-port and two-port surface-mount boxes (sold separately) attach to brackets and are ideal for use in drop ceiling areas

IN-WALL BRACKET

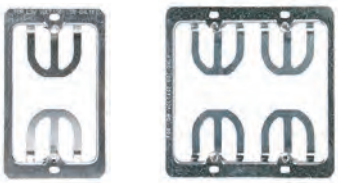
- Helps create a testable permanent link for cabling that terminates in the wall without using a traditional wallplate
- Provides a stable mounting surface for connectors that is recessed behind the wall surface
- Ideal for supporting Ethernet-enabled devices — such as wireless access points (WAPs), cameras, or clocks — that mount to electrical or low-voltage boxes or directly to the wall
- Available as a set of five brackets, or individually kitted with a single-gang

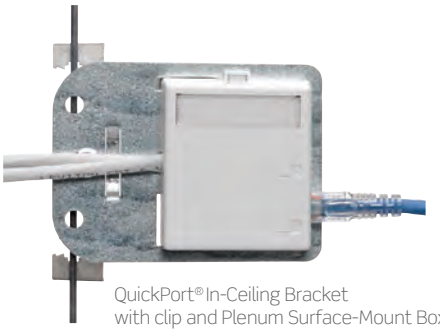
QUICKPORT IN-WALL & IN-CEILING BRACKETS

	DESCRIPTION	PART NO.
[A]	QuickPort In-Ceiling Bracket, includes clip for drop wire/rod mounting	49223-CBC
[B]	QuickPort In-Ceiling Bracket, no clip	49223-CB0
[C]	QuickPort In-Wall Brackets (set of 5)	49223-BA5
[D]	QuickPort In-Wall Bracket Kit, includes bracket and single-gang Wallplate Mounting Bracket	49223-BAK

WALLPLATE ACCESSORIES

	DESCRIPTION	PART NO.
[E]	Wallplate Mounting Brackets, single-gang, bag of 2	C0224-000
	Wallplate Mounting Bracket, single-gang, bag of 10	C0224-0CP
[F]	Wallplate Mounting Bracket, dual-gang	C0225-000





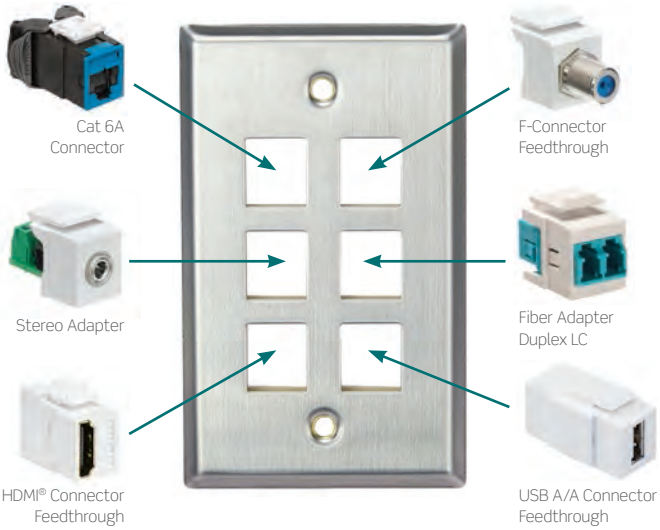
QuickPort® In-Ceiling Bracket with clip and Plenum Surface-Mount Box

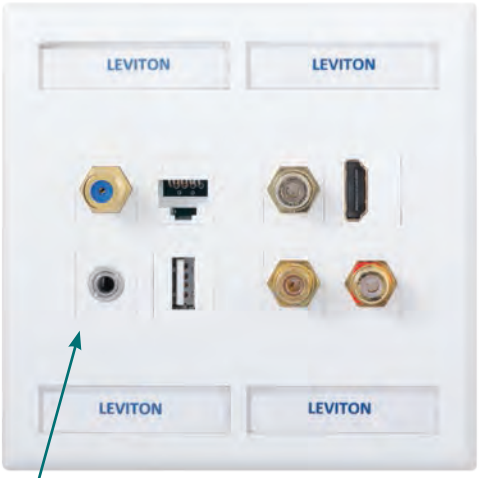
QuickPort In-Ceiling Bracket loaded with Atlas-X1™ Cat 6A QuickPort Connectors

Two In-Wall Brackets

QUICKPORT® WALLPLATES

The QuickPort System allows you to create the perfect mix of voice, data, video, and audio connections. Category-rated copper, fiber, and AV QuickPort connectors are compatible with any QuickPort wallplate or insert.





Connectors and Adapters
(see pages A12-A14, B70, and C14-C15)

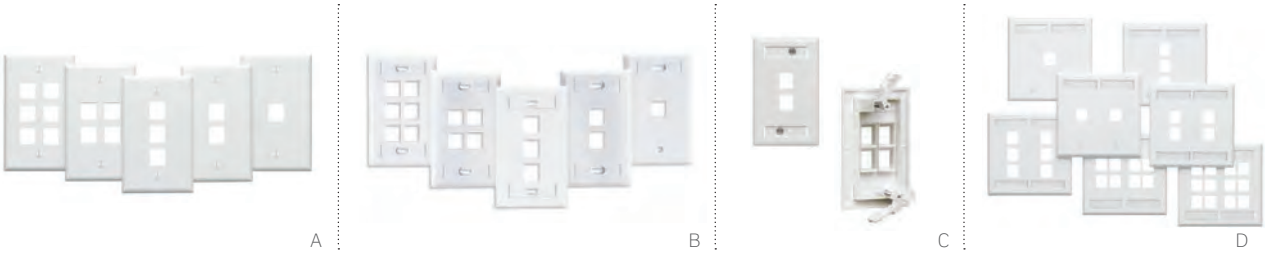
QUICKPLATE® TEMPO WALLPLATES WITH ID WINDOWS

QuickPlate Tempo wallplates allow for fast, one-step installations. They feature patented rear wings that tighten the wallplate to wallboard, eliminating the need for a box or mounting brackets.

2-Port Wallplate

WATCH: INSTALLATION VIDEOS

Leviton.com/ns/videos
"How to Install a QuickPlate Tempo Wallplate"



QUICKPORT STANDARD PLASTIC WALLPLATES

- Compatible with all QuickPort connectors and adapters
- Manufactured from ABS plastic for superior resistance to impact, chemicals, and solvents, as compared to other plastics
- A variety of color choices, with color-matched screws
- cULus Listed, fire-retardant material rated UL 94V-0
- ID windows aid in port identification
- Country of origin: USA

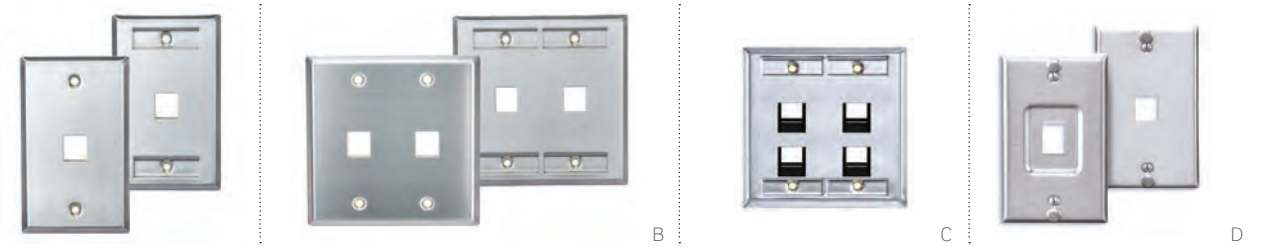
SINGLE-GANG QUICKPLATE TEMPO WALLPLATES WITH ID WINDOWS

- Patented rear wings tighten wallplate to wallboard, eliminating the need for a box or mounting brackets and creating a fast, one-step installation
- Wings accommodate wallboard thickness of ⅝ inches or less
- ID windows act as marking template for cutting hole in wallboard
- cULus Listed, fire-retardant plastic rated UL 94V-0
- Country of origin: USA

DESCRIPTION	WHITE	LT. ALMOND	IVORY	GREY	BLACK	BROWN
[A] QUICKPORT SINGLE-GANG WALLPLATES						
6-Port Wallplate	41080-6WP	41080-6TP	41080-6IP	41080-6GP	41080-6EP	41080-6BP
4-Port Wallplate	41080-4WP	41080-4TP	41080-4IP	41080-4GP	41080-4EP	41080-4BP
3-Port Wallplate	41080-3WP	41080-3TP	41080-3IP	41080-3GP	41080-3EP	41080-3BP
2-Port Wallplate	41080-2WP	41080-2TP	41080-2IP	41080-2GP	41080-2EP	41080-2BP
1-Port Wallplate	41080-1WP	41080-1TP	41080-1IP	41080-1GP	41080-1EP	41080-1BP
[B] QUICKPORT SINGLE-GANG WALLPLATES WITH ID WINDOWS						
6-Port Wallplate	42080-6WS	42080-6TS	42080-6IS	42080-6GS	42080-6ES	—
4-Port Wallplate	42080-4WS	42080-4TS	42080-4IS	42080-4GS	42080-4ES	—
3-Port Wallplate	42080-3WS	42080-3TS	42080-3IS	42080-3GS	42080-3ES	—
2-Port Wallplate	42080-2WS	42080-2TS	42080-2IS	42080-2GS	42080-2ES	—
1-Port Wallplate*	42080-1WS	42080-1TS	42080-1IS	42080-1GS	42080-1ES	—
[C] QUICKPLATE TEMPO SINGLE-GANG WALLPLATES WITH ID WINDOWS						
2-Port Wallplate	42090-2WS	42090-2TS	42090-2IS	42090-2GS	42090-2ES	—
4-Port Wallplate	42090-4WS	42090-4TS	42090-4IS	42090-4GS	42090-4ES	—
[D] QUICKPORT DUAL-GANG WALLPLATES WITH ID WINDOWS						
12-Port Wallplate	42080-12W	42080-12T	42080-12I	42080-12G	42080-12E	—
8-Port Wallplate	42080-8WP	42080-8TP	42080-8IP	42080-8GP	42080-8EP	—
6-Port Wallplate	42080-6WP	42080-6TP	42080-6IP	42080-6GP	42080-6EP	—
4-Port Wallplate	42080-4WP	42080-4TP	42080-4IP	42080-4GP	42080-4EP	—
3-Port Wallplate	42080-3WP	42080-3TP	42080-3IP	42080-3GP	42080-3EP	—
2-Port Wallplate†	42080-2WP	42080-2TP	42080-2IP	42080-2GP	42080-2EP	—
1-Port Wallplate†	42080-1WP	42080-1TP	42080-1IP	42080-1GP	42080-1EP	—

Wallplates are sold empty. See pages A12-A14, B70, and C14-C15 for QuickPort connectors.
* = Single-gang 1-Port Wallplate has only one ID window on top.
† = Dual-gang 1- and 2-Port Wallplates have only two ID windows on top.

White | Light Almond | Ivory | Grey | Black | Brown



QUICKPORT STAINLESS-STEEL WALLPLATES

Dimensions can be found at Leviton.com

- Compatible with all QuickPort adapters and connectors, including shielded
- Manufactured from 304 stainless steel in a brushed finish to provide corrosion resistance in a non-magnetic material
- Available in single- and dual-gang, with or without ID windows
- Angled wallplate ports facilitate proper front and rear cable-bend radius
- Wall-phone wallplates are available in flush and recessed options to accommodate various phone styles
- cULus Listed

[A] QUICKPORT SINGLE-GANG STAINLESS-STEEL WALLPLATES					
DESCRIPTION	1-PORT	2-PORT	3-PORT	4-PORT	6-PORT
Standard	43080-1S1	43080-1S2	43080-1S3	43080-1S4	43080-1S6
With ID Windows	43080-1L1	43080-1L2	43080-1L3	43080-1L4	43080-1L6

[B] QUICKPORT DUAL-GANG STAINLESS-STEEL WALLPLATES					
DESCRIPTION	2-PORT	4-PORT	6-PORT	8-PORT	12-PORT
Standard	43080-2S2	43080-2S4	43080-2S6	43080-2S8	43080-S12
With ID Windows	43080-2L2	43080-2L4	43080-2L6	43080-2L8	43080-L12

	QUICKPORT ANGLED STAINLESS-STEEL WALLPLATES WITH ID WINDOWS	
	DESCRIPTION	PART NO.
	2-Port Angled Wallplate, single-gang	43081-1L2
	4-Port Angled Wallplate, single-gang	43081-1L4
[C]	4-Port Angled Wallplate, dual-gang	43081-2L4
	8-Port Angled Wallplate, dual-gang	43081-2L8
[D] QUICKPORT STAINLESS-STEEL WALL-PHONE WALLPLATES		
	Stainless-Steel Wall-Phone Wallplate	4108W-0SP
	Stainless-Steel Wall-Phone Wallplate, recessed	4108W-1SP
LABELS		
	Label Kit for QuickPort Stainless-Steel Wallplates*	43080-IDW
	Pre-printed Port Labels, black ink, 10 sheets per package	41080-LEB

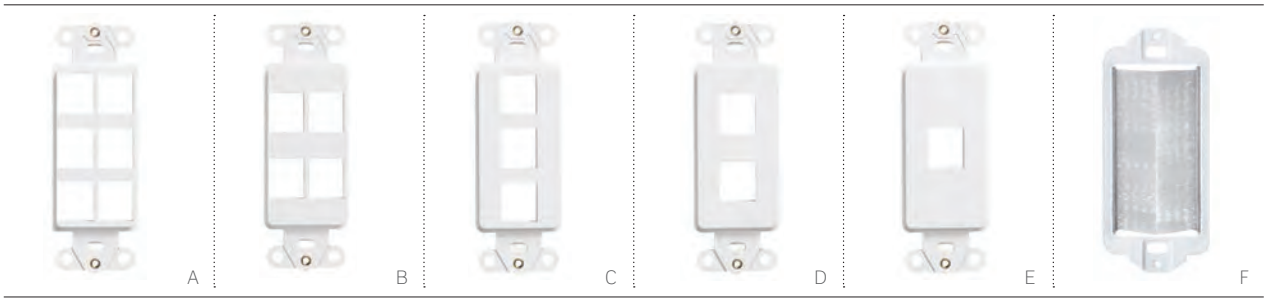
See pages A12-A14, B70, and C14-C15 for QuickPort connectors.
See page X14 for more information on stainless-steel materials.
* = Also applicable to ID window wallplates on page D6. See page A38 for Work-Area Labeling Solutions.

QUICKPORT ANGLED, MIDWAY & LARGE CONNECTOR WALLPLATES

- Angled and large connector wallplates are made from high-quality ABS plastic, which provides superior resistance to impacts, chemicals, and solvents as compared to other plastics
- Angled wallplates facilitate optimal cable management and ensure proper bend radius in front and back of connector
- Midway wallplates are durable nylon with a smooth finish and help hide irregular drywall cuts or flaws around outlets
- Large connector wallplates feature increased vertical spacing between ports
- cULus Listed, fire-retardant material rated UL 94V-0

[A] QUICKPORT ANGLED SINGLE-GANG WALLPLATES					
DESCRIPTION	WHITE	LT. ALMOND	IVORY	BLACK	BROWN
4-Port Wallplate	41081-4WP	41081-4TP	41081-4IP	—	—
2-Port Wallplate	41081-2WP	41081-2TP	41081-2IP	—	—
4-Port Wallplate, with ID windows	42081-4WS	42081-4TS	42081-4IS	42081-4ES	—
2-Port Wallplate, with ID windows	42081-2WS	42081-2TS	42081-2IS	—	—
1-Port Wallplate, with ID windows	42081-1WS	42081-1TS	42081-1IS	—	—
[B] QUICKPORT MIDWAY SINGLE-GANG WALLPLATES					
6-Port Wallplate	41091-6WN	41091-6TN	41091-6IN	—	41091-6BN
4-Port Wallplate	41091-4WN	41091-4TN	41091-4IN	—	41091-4BN
3-Port Wallplate	41091-3WN	41091-3TN	41091-3IN	—	41091-3BN
2-Port Wallplate	41091-2WN	41091-2TN	41091-2IN	—	41091-2BN
1-Port Wallplate	41091-1WN	41091-1TN	41091-1IN	—	41091-1BN
[C] QUICKPORT SINGLE-GANG WALLPLATES FOR LARGE CONNECTORS					
4-Port Wallplate	41080-4WL	41080-4TL	41080-4IL	—	—
2-Port Wallplate	41080-2WL	41080-2TL	41080-2IL	—	—
4-Port Wallplate, with ID windows	42080-4WL	42080-4TL	42080-4IL	—	—
2-Port Wallplate, with ID windows	42080-2WL	42080-2TL	42080-2IL	—	—

White · Light Almond · Ivory · Black · Brown



QUICKPORT DECORA & DUPLEX INSERTS

- Combine voice, data, and AV connectors in popular Decora wallplate formats
- Compatible with all QuickPort connectors and adapters
- Compatible with Decora Plus wallplates when used with standard NEMA back boxes and electrical boxes that sit flush or are slightly recessed in the wall (not compatible with Decora Plus wallplates when used with low-voltage box eliminators)
- Passthrough brush insert provides a clean, professional appearance when cables need to pass through a wall opening

Inserts fit Decora Wallplates found on page D11.

QUICKPORT DECORA MULTIMEDIA INSERTS

DESCRIPTION		WHITE	LT. ALMOND	IVORY	GREY	BLACK	BROWN
[A]	6-Port Insert	41646-00W	41646-00T	41646-00I	41646-0GY	41646-00E	41646-00B
[B]	4-Port Insert	41644-00W	41644-00T	41644-00I	41644-0GY	41644-00E	41644-00B
[C]	3-Port Insert	41643-00W	41643-00T	41643-00I	41643-0GY	41643-00E	41643-00B
[D]	2-Port Insert	41642-00W	41642-00T	41642-00I	41642-0GY	41642-00E	41642-00B
[E]	1-Port Insert	41641-00W	41641-00T	41641-00I	41641-0GY	41641-00E	41641-00B
	Blank Insert	80414-00W	80414-00T	80414-00I	80414-0GY	80414-00E	80414-000
[F]	Brush Insert, Passthrough	41075-DBW	—	—	—	—	—

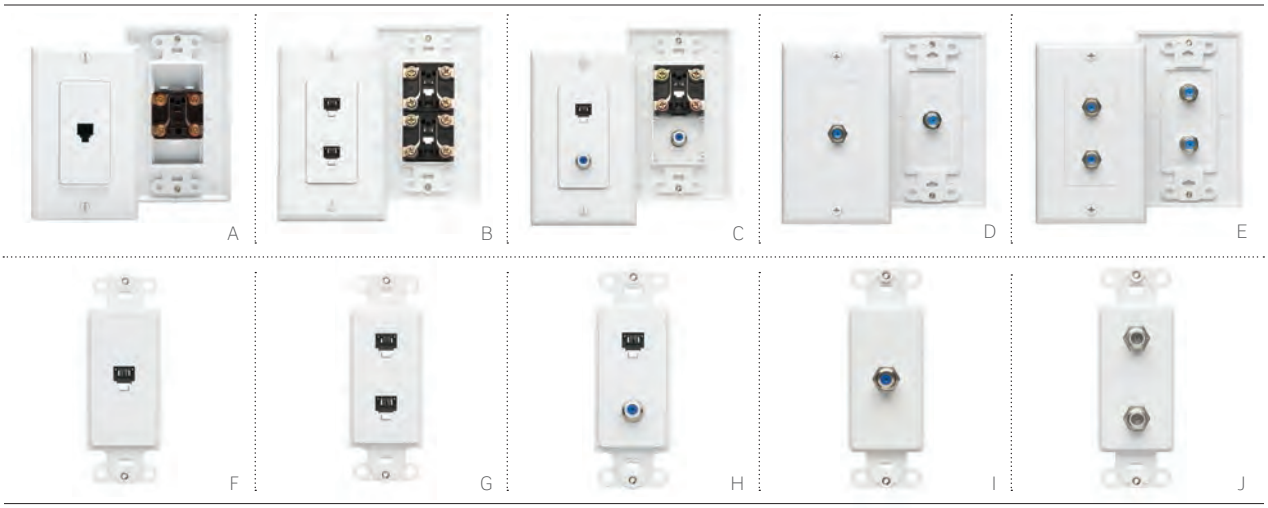
Inserts A-G are sold empty. See pages A12-A14, B70, and C14-C15 for QuickPort connectors.

White | Light Almond | Ivory | Grey | Black | Brown

See page A38 for Work-Area Labeling Solutions.

SPOTLIGHT Temple University

To prepare Temple University for future education demands, they used Leviton products in the completion of their new TECH Center, a 75,000 square-foot, state-of-the-art student workspace. Temple also wanted to transition their data connectivity standard from Cat 5e to enhanced Cat 6, and deploying high-quality products backed by topnotch support services was a must. Leviton was an easy choice.

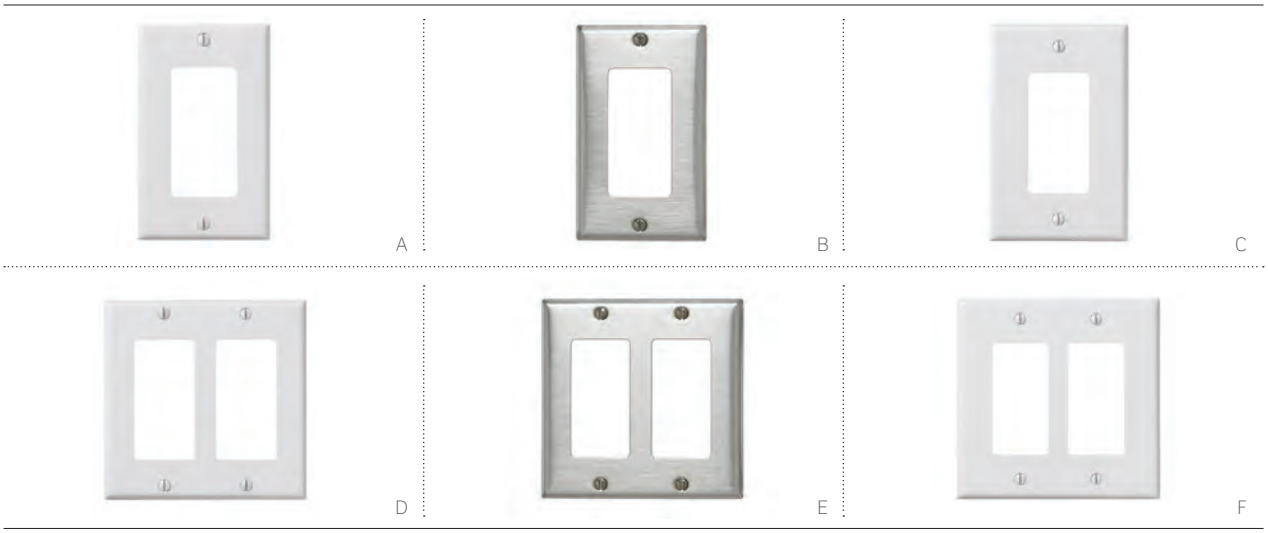


DECORA TELEPHONE & VIDEO WALLPLATES

- 6P4C models feature lead-frame design for improved reliability and simple installation
- Decora inserts are compatible with Decora wallplates and Decora Plus screwless wallplates
- Decora wallplate assemblies include a Decora insert and matching Decora wallplate
- Decora Kits include a one- or two-port QuickPort® Decora insert and snap-in USOC or F-type QuickPort connectors
- Inserts, assemblies, and kits are cULus Listed and rated UL 94V-0

Inserts fit Decora Wallplates found on page D11.

DECORA STANDARD TELEPHONE & VIDEO WALLPLATE ASSEMBLIES (WALLPLATE INCLUDED)							
DESCRIPTION		WHITE	LT. ALMOND	IVORY	GREY	BLACK	BROWN
[A]	Wall Jack, 6P4C	40149-00W	40149-00T	40149-00I	—	—	—
[B]	Wall Jack, 6P4C + 6P4C	40144-00W	40144-00T	40144-00I	—	—	—
[C]	Wall Jack, 6P4C + F-connector	40159-00W	40159-00T	40159-00I	—	—	—
[D]	Wall Jack, F-connector	40981-0WD	40981-0TD	40981-0ID	—	—	—
[E]	Wall Jack, F-connector + F-connector	40982-0WD	40982-0TD	40982-00I	—	—	—
DECORA TELEPHONE & VIDEO INSERTS (WALLPLATE NOT INCLUDED)							
[F]	Wall Jack, 6P4C	40649-00W	40649-00T	40649-00I	40649-0GY	40649-00E	40649-000
[G]	Wall Jack, 6P4C + 6P4C	40644-00W	40644-00T	40644-00I	—	—	—
[H]	Wall Jack, 6P4C + F-connector	40659-00W	40659-00T	40659-00I	—	40659-00E	—
[I]	Wall Jack, F-connector	40681-00W	40681-00T	40681-00I	40681-0GY	—	40681-00B
[J]	Wall Jack, F-connector + F-connector	40682-00W	40682-00T	40682-00I	40682-0GY	—	40682-000
DECORA TELEPHONE & VIDEO INSERT KITS (WALLPLATE NOT INCLUDED)							
	Wall Jack, 6P6C (QuickPort insert with snap-in jack)	41638-00W	41638-00T	41638-00I	41638-0GY	41638-00E	—
	Wall Jack, 6P6C + F-connector (QuickPort insert with snap-in jack and snap-in F-connector)	41658-00W	—	41658-00I	—	—	—



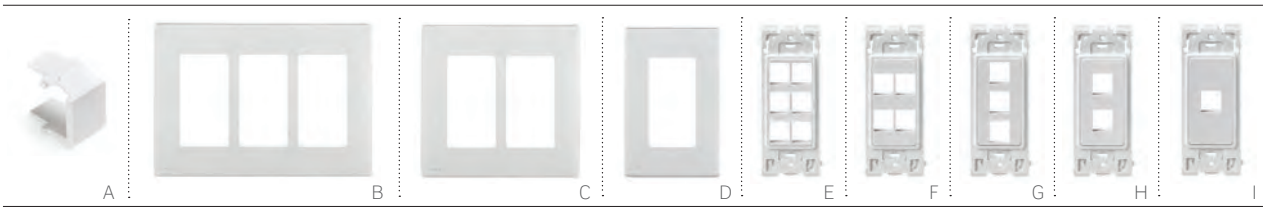
DECORA WALLPLATES

- Accepts a variety of inserts for voice, data, and video applications
- Smooth face and rounded edges resist dust accumulation
- Accent any wall covering with wide selection of colors
- Numerous additional configurations are available; call 800.722.2082 or visit Leviton.com for more information

DECORA SINGLE-GANG WALLPLATES								
DESCRIPTION		WHITE	LT. ALMOND	IVORY	GREY	BLACK	BROWN	STAINLESS
[A]	Decora, standard size, urea	80401-00W	80401-00T	80401-00I	80401-0GY	80401-00E	80401-000	—
	Decora, standard size, nylon	80401-0NW	80401-0NT	80401-0NI	80401-NGY	80401-0NE	80401-00N	—
[B]	Decora, standard size, stainless	—	—	—	—	—	—	84401-040
[C]	Decora, midway, urea	80601-00W	80601-00T	80601-00I	—	—	80601-000	—
	Decora, midway, nylon	0PJ26-00W	0PJ26-00T	0PJ26-00I	0PJ26-0GY	0PJ26-00E	0PJ26-000	—
DECORA DUAL-GANG WALLPLATES								
[D]	Decora, standard size, urea	80409-00W	80409-00T	80409-00I	80409-0GY	80409-00E	80409-000	—
	Decora, standard size, nylon	80409-0NW	80409-0NT	80409-0NI	80409-NGY	80409-0NE	80409-00N	—
[E]	Decora, standard size, stainless	—	—	—	—	—	—	84409-040
[F]	Decora, midway, urea	80609-00W	80309-00T	80609-00I	—	—	80609-000	—
	Decora, midway, nylon	PJ262-00W	PJ262-00T	PJ262-00I	PJ262-0GY	PJ262-00E	PJ262-000	—

White | Light Almond | Ivory | Grey | Black | Brown | Stainless

Mix and match for an upscale finish to your project.



Renu Wallplates snap on and off inserts quickly and easily with no tools, simplifying installation and ongoing maintenance. Choose from wallplates and inserts in White on White, Navajo Sand, Onyx Black, and Stainless Appearance. They are ideal for boardrooms, executive offices, and other applications requiring a high-end finish.

RENU WALLPLATES AND INSERTS

- Screwless wallplates easily snap on to any Renu insert or device
- Inserts accept all QuickPort® connectors
- Slightly larger size covers wall imperfections
- Tongue- and groove-design simplifies alignment in multi-gang installations
- Adapter ring allows use of Decora® device with Renu wallplates
- Available in four standard colors to coordinate with the commercial-grade QuickPort line (White on White, Navajo Sand, Onyx Black, and Stainless Appearance)
- Additional wallplate colors for switches, dimmers, and outlets available; visit Leviton.com/renu
- cULus Listed
- One-year limited warranty

RENU WALLPLATES & INSERTS

	DESCRIPTION	WHITE ON WHITE	NAVAJO SAND	ONYX BLACK	STAINLESS APPEARANCE
[A]	Snap-In Blank Module	RE640-BWW	RE640-BNS	RE640-BOB	—
	Four-Gang Wallplate	REWP4-0WW	REWP4-0NS	REWP4-0OB	—
[B]	Three-Gang Wallplate	REWP3-0WW	REWP3-0NS	REWP3-0OB	—
[C]	Dual-Gang Wallplate	REWP2-0WW	REWP2-0NS	REWP2-0OB	REWM2-STS
[D]	Single-Gang Wallplate	REWP1-0WW	REWP1-0NS	REWP1-0OB	REWM1-STS
[E]	6-Port Insert*	RE640-WW6	RE640-NS6	RE640-OB6	—
[F]	4-Port Insert*	RE640-WW4	RE640-NS4	RE640-OB4	—
[G]	3-Port Insert*	RE640-WW3	RE640-NS3	RE640-OB3	—
[H]	2-Port Insert*	RE640-WW2	RE640-NS2	RE640-OB2	—
[I]	1-Port Insert*	RE640-WW1	RE640-NS1	RE640-OB1	—
	Adapter Ring for Decora	REA00-0OW	REA00-0O0	REA00-0OB	—

White On White · Navajo Sand · Onyx Black · Stainless Appearance

A

B-D

E

F

QUICKPORT MODULAR FURNITURE PRODUCTS

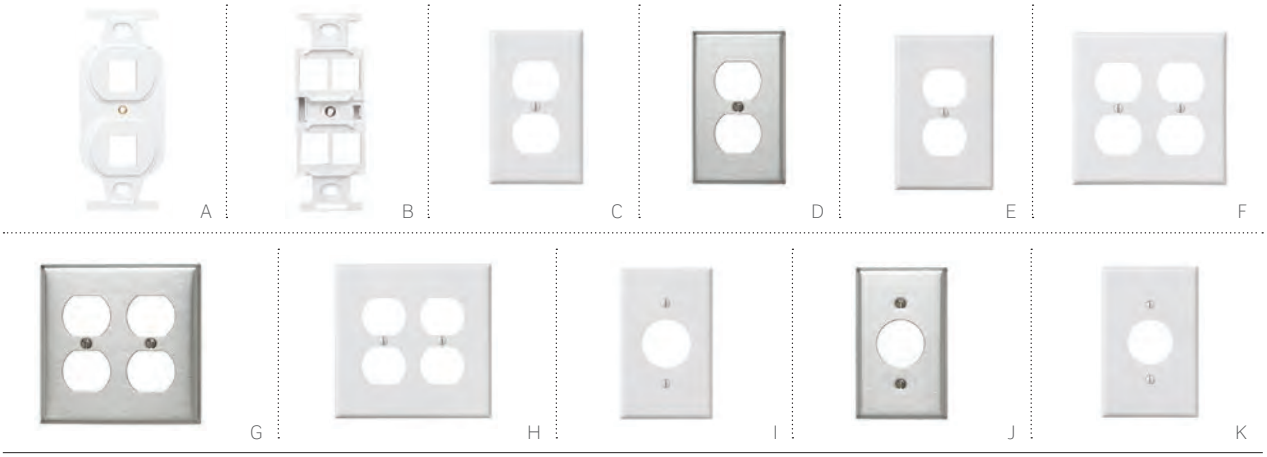
- Simple snap-in installation and attractive streamlined appearance
- Furniture faceplates accept QuickPort connectors and snap easily and snugly into standard modular furniture
- Modular Furniture Brackets facilitate installation of Leviton surface-mount boxes or faceplates with back boxes

MAGNETS AND MODULAR FURNITURE BRACKETS		
DESCRIPTION (Use one magnet for 2-port surface-mount housing. Use two magnets for 4-, 6-, 12-port, and MOS surface-mount housing and single- and dual-gang surface-mount back boxes.)		PART NO.
[A]	Set of 4 Magnets, 1.00" H x 0.84" W x 0.30" D	41030-SMJ
MODULAR FURNITURE BRACKETS		
[B]	Steelcase Series 9000®, Haworth®, Knoll®, Allsteel®, Westinghouse®, and Teknion®	49222-BLK
[C]	Herman Miller Ethospace® and Steelcase Avenir®	49222-ESP
[D]	Herman Miller Action Office®	49222-HAO

QUICKPORT MODULAR FURNITURE FACEPLATES					
	DESCRIPTION	WHITE	IVORY	GREY	BLACK
	2-Port Standard Depth	49910-SW2	49910-SI2	49910-SG2	49910-SE2
[E]	4-Port Standard Depth with 1 QuickPort Blank	49910-SW4	49910-SI4	49910-SG4	49910-SE4
	4-Port Extended Depth with 1 QuickPort Blank	49910-EW4	49910-EI4	49910-EG4	49910-EE4
	2-Port Herman Miller	49910-HW2	49910-HI2	49910-HG2	49910-HE2
[F]	4-Port Herman Miller with 1 QuickPort Blank	49910-HW4	49910-HI4	49910-HG4	49910-HE4

White Ivory Grey Black

Standard- and extended-depth faceplates are compatible when used with Herman Miller G1189A Reducer, available from Herman Miller dealers.



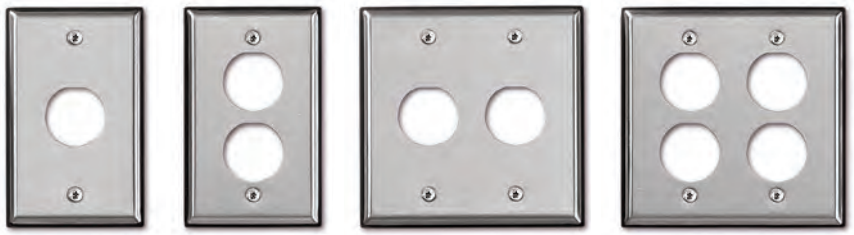
DUPLEX & ROUND OPENING WALLPLATES

- Standard 106-style duplex receptacle wallplates accept QuickPort® footprint inserts with either two or four openings
- Round opening wallplates accept 110-style or screw terminal inserts (see page D20)
- Stainless wallplates are constructed of type 302 stainless steel

QUICKPORT DECORA TYPE 106 DUPLEX INSERTS								
DESCRIPTION		WHITE	LT. ALMOND	IVORY	GREY	BLACK	BROWN	STAINLESS
[A]	2-Port Duplex Insert	41087-2WP	41087-2TP	41087-2IP	41087-2GP	41087-2EP	—	—
[B]	4-Port Duplex Insert	41087-QWP	41087-QTP	41087-QIP	41087-QGP	41087-QEP	—	—
DUPLEX SINGLE-GANG WALLPLATES								
[C]	Duplex, standard size, urea	88003-000	78003-000	86003-000	87003-000	—	85003-000	—
	Duplex, standard size, nylon	80703-00W	—	80703-00I	80703-0GY	80703-00E	80703-000	—
[D]	Duplex, standard size, stainless	—	—	—	—	—	—	84003-040
[E]	Duplex, midway, urea	80503-00W	80503-00T	80503-00I	—	—	80503-000	—
	Duplex, midway, nylon	00PJ8-00W	00PJ8-00T	00PJ8-00I	00PJ8-0GY	00PJ8-00E	00PJ8-000	—
DUPLEX DUAL-GANG WALLPLATES								
[F]	Duplex, standard size, urea	88016-000	78016-000	86016-000	87016-000	—	85016-000	—
	Duplex, standard size, nylon	80716-00W	80716-00T	80716-00I	80716-0GY	80716-00E	80716-000	—
[G]	Duplex, standard size, stainless	—	—	—	—	—	—	84016-040
[H]	Duplex, midway, urea	80516-00W	80516-00T	80516-00I	—	—	80516-000	—
	Duplex, midway, nylon	0PJ82-00W	0PJ82-00T	0PJ82-00I	0PJ82-0GY	0PJ82-00E	0PJ82-000	—
ROUND OPENING SINGLE-GANG WALLPLATES								
[I]	Round Opening, stnd size, urea	88004-000	78804-000	86004-000	—	—	85004-000	—
	Round Opening, stnd size, nylon	80704-00W	80704-00T	80704-00I	80704-0GY	80704-00E	80704-000	—
[J]	Round Opening, stnd size, stainless		—	—	—	—	—	84004-040
[K]	Round Opening, midway, urea	80504-00W	80504-00T	80504-00I	—	—	80504-000	—
	Round Opening, midway, nylon	00PJ7-00W	00PJ7-00T	00PJ7-00I	—	—	—	—

White | Light Almond | Ivory | Grey | Black | Brown | Stainless

A



B-E

F

G

H

I

DURAPORT CONNECTOR HOUSING

- Twist-lock mating allows for easy installation and provides a robust seal
- Compatible with eXtreme® Cat 6 and Cat 5e QuickPort® connectors
- Captive connector cap with retainer protects and seals unused ports

DURAPORT STAINLESS-STEEL WALLPLATE

- Patented overmolded gasket on wallplates provides a watertight fit
- Safeguards network in severe conditions and resists moisture, dust, corrosion, acids, oils, and vibration
- Provides a complete seal without o-rings
- Compatible with standard NEMA boxes
- Help position and retain screws during installation

DURAPORT OUTLET KIT

- DuraPort components packaged together for added convenience
- Kits include connector housing, connector cap, and stainless-steel wallplate
- Patch cords and QuickPort connectors are sold separately

DURAPORT PATCH CORDS

- Available in industrial plug to industrial plug, and industrial plug to RJ-45 plug configurations
- Patch cords are Cat 6 rated

PROTECTION AGAINST SOLID OBJECTS	
0	None
1	Solid objects larger than 50 mm
2	Solid objects larger than 12.5 mm
3	Solid objects larger than 2.5 mm
4	Solid objects larger than 1.0 mm
5	Dust
6	Dust tight

PROTECTION AGAINST WATER	
0	None
1	Vertically falling water drops
2	Vertically falling water drops (up to 15° angle)
3	Spraying water
4	Splashing water
5	Water jets
6	Powerful water jets
7	Temporary immersion in water
8	Continuous immersion in water

IP67-RATED INGRESS PROTECTION

IP ratings are based on International Standard IEC 60529. All DuraPort products are IP67 rated as highlighted in the charts above.

See page X14 for more information on NEMA and IEC enclosure certification.

DURAPORT INDUSTRIAL CONNECTOR HOUSINGS		
DESCRIPTION		PART NO.
[A]	Cat 6 Industrial Connector Housing with Connector Cap (product supplied with black 61110 connector)	D6706-00E
	Cat 5e Industrial Connector Housing with Connector Cap (product supplied with black 5G110 connector)	D675E-00E
	Housing with Connector Cap (connector not included)	D6700-00E
	Connector Cap (connector and housing not included)	D6701-00E
DURAPORT INDUSTRIAL STAINLESS-STEEL WALLPLATES		
[B]	Industrial Wallplate, stainless steel, 1-port, single-gang	D6710-1S1
[C]	Industrial Wallplate, stainless steel, 2-port, single-gang	D6710-1S2
[D]	Industrial Wallplate, stainless steel, 2-port, dual-gang	D6710-2S2
[E]	Industrial Wallplate, stainless steel, 4-port, dual-gang	D6710-2S4

DURAPORT INDUSTRIAL PATCH CORDS, CAT 6							
DESCRIPTION		3 FT.	5 FT.	7 FT.	10 FT.	15 FT.	20 FT.
[F]	Industrial Plug to Industrial Plug	D6720-03E	D6720-05E	D6720-07E	D6720-10E	D6720-15E	D6720-20E
[G]	Industrial Plug to RJ-45 Plug	D6721-03E	D6721-05E	D6721-07E	D6721-10E	D6721-15E	D6721-20E

DURAPORT INDUSTRIAL OUTLET KITS		
DESCRIPTION		PART NO.
	Industrial Outlet Kit, stainless steel, 1-port, single-gang	D670K-1S1
[H]	Industrial Outlet Kit, stainless steel, 2-port, single-gang	D670K-1S2
	Industrial Outlet Kit, stainless steel, 2-port, dual-gang	D670K-2S2
[I]	Industrial Outlet Kit, stainless steel, 4-port, dual-gang	D670K-2S4

SPOTLIGHT QuickPort® DIN Rail-Mount Boxes

Compact QuickPort DIN Rail-Mount Boxes are ideal for network patching inside industrial automation and control panels. The boxes are available empty or with a Leviton 6-Port QuickPort® Decora® insert installed, and can be opened to install other QuickPort Decora inserts. The back panel of each box can be configured to allow cable access at either the top or bottom, increasing flexibility within tight-control enclosures. The box depth is suitable for Cat 5e and Cat 6 connectors. Learn more on page D3.

A

B

C

EXCELLA WALLPLATE INSERTS & FRAMES

- All one- and two-port inserts include designation windows
- Inserts accept QuickPort® connectors (sold separately)
- 86 mm x 86 mm frame size conforms to BS 4662 and BS 5733 electrical box standards
- Inserts are white and ship with white wallplate frame
- Colored frames available separately (see colors and part numbers below)

QUICKPORT® STAINLESS-STEEL WALLPLATE

- Compatible with all individual QuickPort connectors and adapters
- Individual port configurability allows specification flexibility
- Brushed finish to provide corrosion resistance in a non-magnetic material
- 86 mm x 86 mm frame size conforms to BS 4662 and BS 5733 electrical box standards

	DESCRIPTION	PART NO.
EXCELLA WALLPLATE INSERTS		
[A]	QuickPort Wallplate Insert with ID Window, 1 port	BL186-P1W
	QuickPort Wallplate Insert with ID Window, 2 ports	BL186-P2W
	QuickPort Wallplate Insert, 4 ports	BL186-P4W
[B]	QuickPort Angled Wallplate Insert with ID Window, 1 port	BL186-A1W
	QuickPort Angled Wallplate Insert with ID Window, 2 ports	BL186-A2W
	Blank Wallplate Insert	BL000-00W
EXCELLA METALLIC WALLPLATE FRAMES		
	Wallplate Frame, pearl yellow	BLWP1-PEY
	Wallplate Frame, piano black	BLWP1-PIB
	Wallplate Frame, glossy silver	BLWP1-GSS
	Wallplate Frame, champagne gold	BLWP1-CHG
	Wallplate Frame, navy blue	BLWP1-NVB
	Wallplate Frame, metallic green	BLWP1-MEG
	Wallplate Frame, hot pink	BLWP1-HTP
	Wallplate Frame, sky blue	BLWP1-SKB
QUICKPORT STAINLESS-STEEL WALLPLATE		
[C]	QuickPort Stainless-Steel Wallplate, 2 Ports	BI186-S2P

Wallplates sold empty. See pages A12-A14, B70, and C14-C15 for QuickPort connectors.

Pearl Yellow | Piano Black | Glossy Silver | Champagne Gold | Navy Blue | Metallic Green | Hot Pink | Sky Blue

FRENCH-, BRITISH- & LJ6C-STYLE WALLPLATE INSERTS

- Designed to fit matching 86 mm x 86 mm wallplates
- Accept QuickPort® data connectors (sold separately)
- Include ID window kits for port designation
- Spring-loaded shutters protect connector while not in use
- Available in white ABS plastic

DIMENSIONS

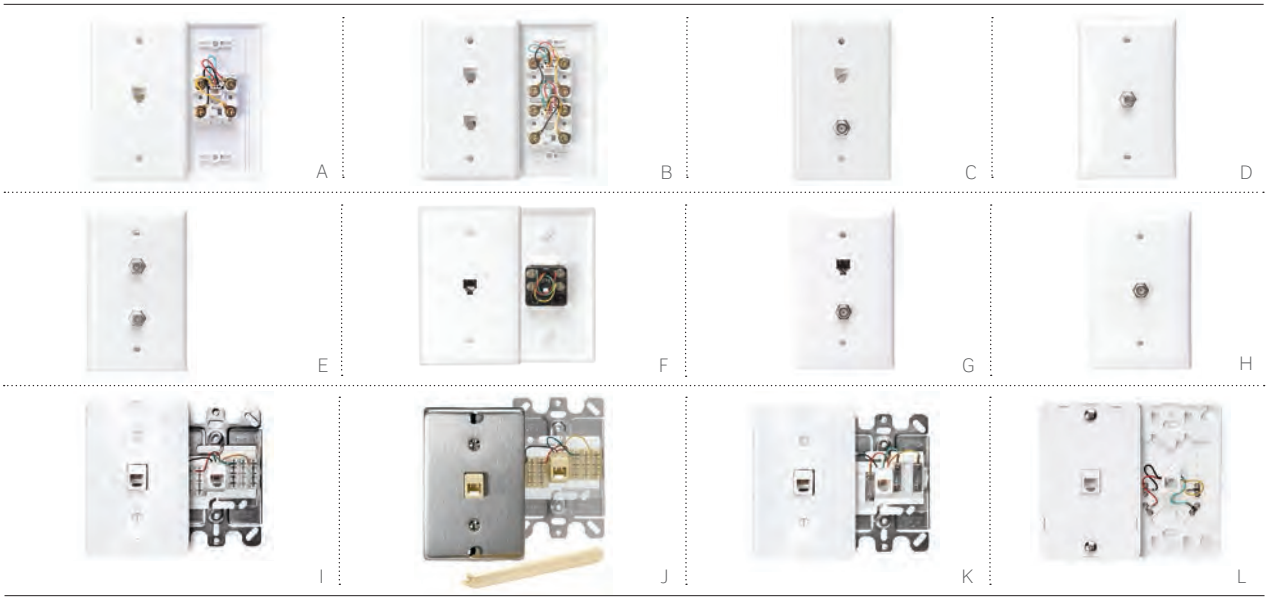
- French-style inserts fit 45 mm x 45 mm openings
- British-style inserts fit 50 mm x 50 mm openings
- LJ6C-style inserts fit 22 mm x 37 mm openings

[A] FRENCH-STYLE WALLPLATE INSERTS	
DESCRIPTION	PART NO.
French-style Wallplate Insert, 45 mm x 22.5 mm, 1 port, flat, white	LI145-1W1
French-style Wallplate Insert, 45 mm x 45 mm, 1 port, flat, white	LI145-2W1
French-style Wallplate Insert, 45 mm x 45 mm, 2 ports, flat, white	LI145-2W2
French-style Wallplate Frame (for use with French-style LI145 inserts only), single-gang, white (special order)	LF145-01W
[B] BRITISH-STYLE WALLPLATE INSERTS	
British-style Wallplate Insert, 50 mm x 25 mm, 1 port, flat, white	LI150-1W1
British-style Wallplate Insert, 50 mm x 25 mm, 1 port, angled, white	LI150-AW1
British-style Wallplate Insert, 50 mm x 50 mm, 1 port, flat, white	LI150-2W1
British-style Wallplate Insert, 50 mm x 12.5 mm, blank, flat, white	LI150-0W0
[C] LJ6C-STYLE WALLPLATE INSERTS	
LJ6C-style Wallplate Insert, 37 mm x 22 mm, 1 port, flat, white	LI137-1W1
LJ6C-style Wallplate Insert, 37 mm x 22 mm, 1 port, angled, white	LI137-AW1

Note: French-style, British-style, and LJ6C-style inserts are not compatible with Excella® wallplates.

SPOTLIGHT Holy Spirit University of Kaslik (USEK)

USEK is one of the largest universities in Lebanon, educating more than 7,000 students across four campuses each year. When USEK decided it was time for a major voice and data network upgrade, they conducted their own testing of Leviton connectivity. USEK concluded Leviton Cat 6 UTP solutions consistently delivered better margins, and deployed approximately 200 Cat 6 drops and 60 OM2 fiber connections. USEK finalized the completion with a campus-wide, laser-optimized, multimode fiber (OM4) 40GbE backbone network. Using Leviton OM4 Fiber Cable, 500i SDX Fiber Panels, LC connectors, LC cords, and cable managers, USEK efficiently connected all campus buildings within three months.



TELEPHONE & VIDEO WALLPLATES

- Provide quick at-the-wall connections for RJ-11 telephone and F-connection video applications
- High-quality ABS plastic or nylon, which provides superior resistance to impacts, chemicals, and solvents as compared to other plastics
- Midway wallplates hide irregular drywall cuts or flaws around outlets
- cULus Listed, fire-retardant material rated UL 94V-0

TELEPHONE WALL-PHONE JACKS

- Wall-phone jacks available in 4- or 6-conductor models
- Screw terminal or quick-connect termination options
- Quick-connect products include plastic punchdown tool

STANDARD TELEPHONE & VIDEO WALLPLATES					
DESCRIPTION		WHITE	LT. ALMOND	IVORY	BROWN
[A]	Wall Jack, 6P4C	40249-00W	40249-00T	40249-00I	—
[B]	Wall Jack, 6P4C + 6P4C	40244-00W	40244-00T	40244-00I	—
[C]	Wall Jack, 6P4C + F-connector	40259-00W	40259-00T	40259-00I	—
[D]	Wall Jack, F-connector, nylon	80781-00W	80781-00T	80781-00I	—
[E]	Wall Jack, F-connector + F-connector	80782-00W	80782-00T	80782-00I	—
	Wall Jack, 6P6C	40238-00W	—	—	—
	Wall Jack, 6P6C + F-connector	40258-00W	—	—	—
MIDWAY TELEPHONE & VIDEO WALLPLATES (NYLON)					
[F]	Wall Jack, 6P4C	40539-PMW	40539-PMT	40539-PMI	40539-PMB
[G]	Wall Jack, 6P4C + F-connector	40539-CMW	40539-CMT	40539-CMI	40539-CMB
[H]	Wall Jack, F-connector	40539-0MW	40539-0MT	40539-0MI	40539-0MB
WALL-PHONE JACK WALLPLATES - 110-STYLE					
DESCRIPTION		WHITE	LT. ALMOND	IVORY	STAINLESS
[I]	Wall-Phone Jack, 6P4C quick-connect, plastic with metal base	40253-00W	40253-00T	40253-00I	—
[J]	Wall-Phone Jack, 6P4C quick-connect, stainless with metal base	—	—	—	40223-00S
WALL-PHONE JACK WALLPLATES - SCREW TERMINAL					
[K]	Wall-Phone Jack, 6P4C screw terminal, plastic with metal base	40257-00W	—	—	—
[L]	Wall-Phone Jack, 6P4C screw terminal, plastic with plastic base	40214-00W	40214-00T	40214-00I	—
	Wall-Phone Jack, 6P6C screw terminal, stainless with metal base	—	—	—	40226-00S

See page D14 for color options.

A

B

C

D

ROUND TELEPHONE INSERTS & SURFACE-MOUNT BOXES

- Round inserts available with screw terminal or 110-style termination
- See page D14 for wallplates with round openings
- Surface-mount boxes feature 4-, 6-, and 8-conductor screw terminal connections
- Shorting bar option for use with monitored home security systems

QUICKPORT® FLOOR BOX ASSEMBLIES

- Combine voice, data, and AV connectors in convenient in-floor locations
- Floor box assemblies include brass wallplate and screw cap
- Inserts and connectors are ivory

ROUND TELEPHONE INSERTS					
	DESCRIPTION	WHITE	LT. ALMOND	IVORY	GREY
[A]	Round Insert, 6P4C, 110 termination	—	—	41054-IDD	—
[B]	Round Insert, 6P4C, screw terminal	—	—	40201-00I	—
SURFACE-MOUNT TELEPHONE BOXES					
	Surface-Mount Box, 6P4C, screw terminal	4625A-24W	—	4625A-24I	—
	Surface-Mount Box, 6P6C, screw terminal	4625A-26W	—	4625A-26I	—
[C]	Surface-Mount Box, 8P8C, screw terminal	40278-00W	40278-00T	40278-00I	40278-00G
	Surface-Mount Box, 8P8C with shorting bar, screw terminal, RJ-31X	—	40278-SBT	40278-SBI	—

QUICKPORT FLOOR BOX ASSEMBLY WITH INSERT, BRASS PLATE & SCREW CAP		
	DESCRIPTION	PART NO.
	Floor Box Assembly, one F-connector module, one blank module	41650-00F
	Floor Box Assembly, one 6P6C connector, one blank module	41650-006
	Floor Box Assembly, two port, includes one blank module	41652-000
[D]	Floor Box Assembly, two 6P6C connectors	41652-006
	Floor Box Assembly, one 6P6C connector, one F-connector module	41652-06F

Floor Box Assemblies sold as complete kits only, individual components not sold separately.

White · Light Almond · Ivory · Grey · Brown

A

B

C

D

Plenum Rated
E

F

G

MOS SURFACE-MOUNT BOX AND WALLPLATE HOUSINGS

DESCRIPTION		WHITE	LT. ALMOND	IVORY	GREY	BLACK	STAINLESS
[A]	Single-Gang Wallplate	41290-SMW	41290-SMT	41290-SMI	41290-SMG	41290-SME	41290-SMS
[B]	Dual-Gang Wallplate	41290-DMW	41290-DMT	41290-DMI	41290-DMG	41290-DME	41290-DMS
[C]	Three-Gang Wallplate	—	—	—	—	—	41290-TMS
[D]	Surface-Mount Box, 3-unit with Fiber Storage*	41296-MMW	41296-MMT	41296-MMI	41296-MMG	41296-MME	—
[E]	Surface-Mount Housing, holds one 1-unit high module	4M089-1WM	4M089-1IM	4M089-1TM	4M089-1GM	4M089-1EM	—
[F]	Fiber Storage/Spacer Ring ˚	41290-DRW	—	41290-DRI	41290-DRG	41290-DRE	—
[G]	Decora® Insert, holds one 1-unit high module	41649-00W	41649-00T	41649-00I	41649-00G	41649-00E	—

* = Surface-mount box is not compatible with 41295-V**, 41292-D**, and 41292-A**.
˚ = Dual-gang only.

H

I

J

K

L

M

N

O

P

Q

R

MULTIMEDIA OUTLET SYSTEM AV CONNECTOR MODULES (All modules are 1 unit high unless noted otherwise)

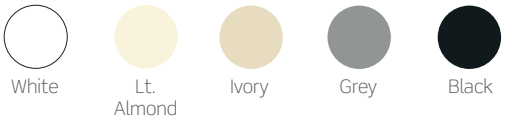
DESCRIPTION		WHITE	LT. ALMOND	IVORY	GREY	BLACK
[H]	VGA PC Module, 110-style termination^	41295-VPW	41295-VPT	41295-VPI	41295-VPG	—
[I]	VGA Monitor Module, 110-style termination^	41295-VMW	41295-VMT	41295-VMI	41295-VMG	—
[J]	VGA/HD15 Module, screw terminal	41295-HDW	—	41295-HDI	—	—
[K]	VGA/HD15 Module, feedthrough	41293-HDW	41293-HDT	41293-HDI	41293-HDG	41293-HDE
	VGA/HD15 Module, empty	41291-DBW	—	41291-DBI	41291-DBG	41291-DBE
[L]	RCA Component Video Module, 110-style termination (red, green, blue)	41292-DEW	41292-DET	41292-DEI	—	—
[M]	RCA Composite Video Module, 110-style termination (red, white, yellow)	41292-AEW	41292-AET	41292-AEI	—	—
[N]	3-Port RCA Module (red, black, yellow), feedthrough	41292-3RW	41292-3RT	41292-3RI	41292-3RG	41292-3RE
[O]	3-Port RCA Module (red, green, blue), feedthrough	41292-3DW	41292-3DT	41292-3DI	41292-3DG	41292-3DE
[P]	HDMI® Module, feedthrough	41290-HDW	41290-HDT	41290-HDI	41290-HDG	41290-HDE
[Q]	speakON Connector, 4-pole, screw terminal*	—	—	—	—	41297-SP4
[R]	XLR Connector, 3-pole, screw terminal*	—	—	—	—	41297-XL3

^ = 110-Style VGA modules require both PC and Monitor modules used in pairs to operate. This applies to F and G only.
* = 1.5 units high. speakON® and XLR Connectors must be installed in 1.5 unit high MOS Passthrough Module (41297-2Px).

MOS FIBER INSERTS

DESCRIPTION		WHITE	IVORY	GREY	BLACK
[A]	1 Duplex SC, zirconia ceramic, SM/M, blue, (1 unit high)	41291-2CW	41291-2CI	41291-2CG	41291-2CE
[B]	1 Duplex SC, zirconia ceramic, SM/MM, blue, 45˚ exit (1.5 units high)*	41294-2CW	41294-2CI	41294-2CG	41294-2CE
[C]	1 Duplex SC, zirconia ceramic, SM/MM, blue, 45˚ exit (2 units high)*	41292-2CW	41292-2CI	41292-2CG	41292-2CE
[D]	2 Duplex SC, zirconia ceramic, SM/MM, blue, 45˚ exit (3 units high)*	41293-4CW	41293-4CI	41293-4CG	—
	1 Duplex ST, zirconia ceramic, SM, (1 unit high)	41291-ZTW	41291-ZTI	—	41291-ZTE
[E]	1 Duplex ST, phosphor bronze, MM, (1 unit high)	41291-2TW	41291-2TI	—	41291-2TE

* = Angled fiber connectors must be installed in lower 2RU of MOS wallplates



For multimode SC adapters in beige, blue, or aqua housing, please contact Inside Sales at 800.722.2082.

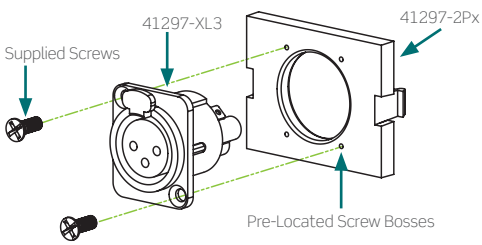
MOS ADAPTERS & BLANK MODULES

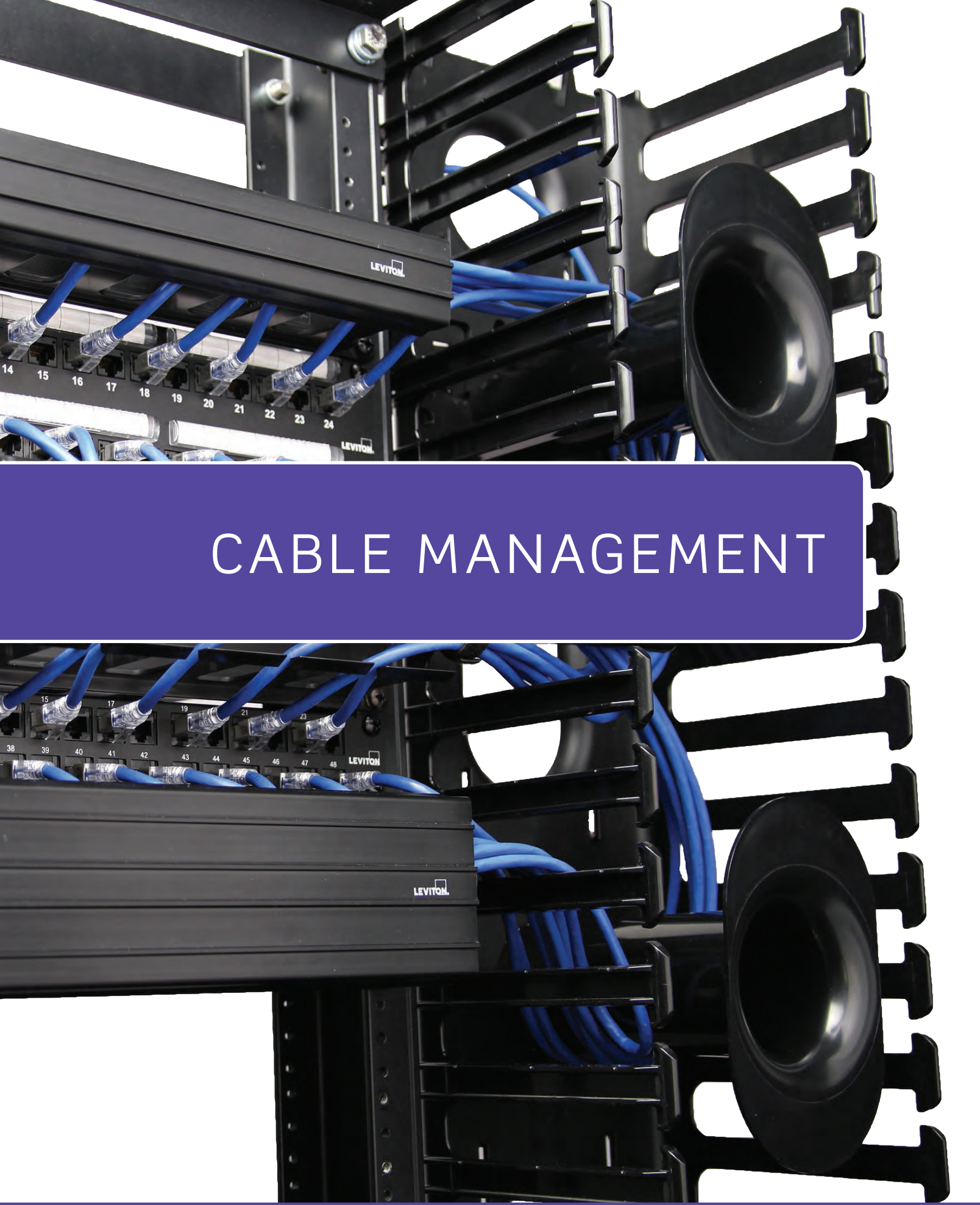
DESCRIPTION		WHITE	LT. ALMOND	IVORY	GREY	BLACK
[F]	1-Port QuickPort Module (1 unit high)	41291-1MW	41291-1MT	41291-1MI	41291-1MG	41291-1ME
[G]	2-Port QuickPort Module (1 unit high)	41291-2QW	41291-2QT	41291-2QI	41291-2QG	41291-2QE
[H]	2-Port 45˚ Exit Angled QuickPort Module (1.5 units high)	41294-2QW	41294-2QT	41294-2QI	41294-2QG	41294-2QE
[I]	Passthrough Module (1.5 units high)	41297-2PW	41297-2PT	41297-2PI	41297-2PG	41297-2PE
[J]	Blank Module (0.5 unit high)	41295-5BW	41295-5BT	41295-5BI	41295-5BG	41295-5BE
[K]	Blank Module (1 unit high)	41291-1BW	41291-1BT	41291-1BI	41291-1BG	41291-1BE
[L]	Blank Module (1.5 units high)	41294-2BW	41294-2BT	41294-2BI	41294-2BG	41294-2BE
[M]	Blank Module (2 units high)	41292-2BW	41292-2BT	41292-2BI	41292-2BG	41292-2BE

SPOTLIGHT Multimedia Outlet System (MOS) XLR Connector

The Multimedia Outlet System (MOS) XLR Connector is ideal for microphone and audio enhancement connections. The connector is robust, versatile, and easy to terminate. And when installed in a MOS Passthrough module, it can easily mount in any MOS wallplate, offering an aesthetically pleasing means to transition a pre-terminated cable from the back to the front of a MOS wallplate.

Note: speakON connector (41297-SP4) and other standard XLR-style chassis connectors use the same mounting method.





CABLE MANAGEMENT

SECTION E CONTENTS

E3 Overhead Infrastructure Platform

E5 Versi-Duct® Cable Management System

E7 Horizontal Cable Managers

E8 Rear Cable Managers, Blanks & Transitional Covers

E9 Rings & Brackets

E10 VELCRO®-Brand Fasteners

E12 Zone Enclosures

OVERHEAD INFRASTRUCTURE PLATFORM

The Overhead Infrastructure Platform provides independent support for cabling pathways, power, lighting, and other infrastructure. Platforms can carry the load of cables and ladder trays while freeing up rack space by adding patching above cabinets or racks. Since cabinets and racks are not attached, power and cabling can be quickly disconnected without removing hardware.

FEATURES

- Eliminates the need to thread cable through ceiling supports and install suspended ladder trays
- Allows unobstructed access to overhead cabling
- Faster deployment, decommissioning, or replacement of server cabinets
- Reduced installation costs and fewer on-site problems
- Complies with TIA-569, cULus Listed, and meets ANSI STANDARD T1.336-2003 Tier 1 Universal Telecom Framework
- Includes industry-compliant bonding and grounding points

OVERHEAD INFRASTRUCTURE PLATFORM (Call Inside Sales for ordering assistance)

DESCRIPTION	36" WIDE	42" WIDE	48" WIDE
Overhead Infrastructure Platform, 96" H	OIPFR-36A	OIPFR-42A	OIPFR-48A
Overhead Infrastructure Platform, 108" H	OIPFR-36B	OIPFR-42B	OIPFR-48B
Overhead Infrastructure Platform, 120" H	OIPFR-36C	OIPFR-42C	OIPFR-48C

WATCH: INSTALLATION VIDEOS

Leviton.com/ns/videos
"OIP - Raised Floor Installation" or
"OIP - Concrete Floor Installation"

Custom heights and widths available, please contact Inside Sales at 800.722.2082 for more information. For assembly, floor mounting instructions, VISIO® stencils, and videos go to Leviton.com/OIP.

LEARN: WHITE PAPER

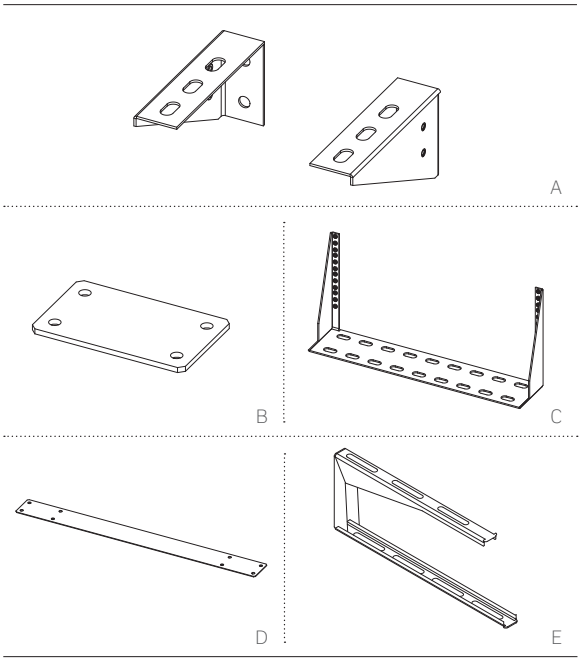
Leviton.com/NS/WhitePapers
Smart Data Center Tech Refreshes:
24-Fiber Systems for 40G and 100G Network Upgrades

Deployment of 40G and 100G switches has jumped dramatically, and an ever-growing list of transceiver options has emerged to support these speeds in the data center. In this white paper, you'll get an overview of the latest network transceiver options, and learn how you can create a cabling infrastructure that can adapt to support a variety of tech refreshes while providing better fiber utilization, higher density, and a simpler migration.

ACCESSORIES

- **Frame Drill Template** – used to lay out Overhead Infrastructure Platform frame mounting locations
- **Channel Attachment Bracket Kit** – left/right brackets mount to standard steel channel framing to span the platform
- **Sub-Floor Mounting Kit** – plate for bottom of a raised floor tile that accepts standard threaded rod
- **C-Brackets** – creates a two-tier mounting surface for ladder trays or wire baskets; available in a variety of sizes
- **Patch Panel Bracket** – mounted on the steel channel above the cabinet and accepts standard 19-inch patch panels or other fiber enclosures, providing up to 4RU of additional patching capability

OVERHEAD INFRASTRUCTURE PLATFORM ACCESSORIES (Call Inside Sales for ordering assistance)		
DESCRIPTION		PART NO.
[A]	Channel Attachment Bracket Kit (2 included)	OIPFR-CAB
[B]	Sub-Floor Mounting Kit (2 included)	OIPAC-SFM
[C]	Patch Panel Bracket	OIPAC-PPB
	36" Frame Drill Template	OIPDT-36W
[D]	42" Frame Drill Template	OIPDT-42W
	48" Frame Drill Template	OIPDT-48W
	6/6" Frame Extension Mounting C-Bracket	OIP06-06C
	8/8" Frame Extension Mounting C-Bracket	OIP08-08C
	12/8" Frame Extension Mounting C-Bracket	OIP12-08C
	20/8" Frame Extension Mounting C-Bracket	OIP20-08C
[E]	20/18" Frame Extension Mounting C-Bracket	OIP20-18C
	24/12" Frame Extension Mounting C-Bracket	OIP24-12C
	24/20" Frame Extension Mounting C-Bracket	OIP24-20C
	30/24" Frame Extension Mounting C-Bracket	OIP30-24C



A
40" length shown with designer cover accessory

B
40" length shown with designer cover accessory

C

D

VERSI-DUCT CABLE MANAGEMENT SYSTEM

The innovative system for copper and fiber installations fits on any standard equipment rack, and accessories enable a wide range of configurations.

VERSI-DUCT 8" CHANNEL CABLE MANAGEMENT

- Ideal for today's large-scale deployments and Cat 6A installations with typical larger-diameter cable
- 80-inch channel ships in two 40-inch pieces for easier handling and installation
- Channels available with standard black cover
- Designer cover (grey) available as an accessory
- Channels include mounting bracket kit and two covers, one slack-loop organizer, and one cable retainer, per 80-inch side (front or front/rear)
- Covers feature integrated dual-hinge for easy accessibility
- Channels can be side- or center-mounted for better space utilization
- Large finger-passthrough space aligns with rack units

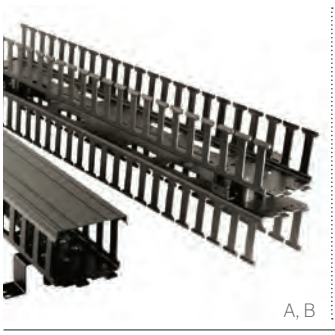
VERSI-DUCT 8" CHANNEL VERTICAL CABLE MANAGEMENT & ACCESSORIES				
DESCRIPTION		FRONT ONLY		FRONT & REAR
Vertical 80" length, 8" W x 8" D channel, standard black cover, hinged	[A]	8980L-VFO*	[B]	8980L-VFR
Vertical 40" Cover, 8" W, black (set of 4)		—		8940L-SRC
Vertical 40" Designer Cover, 8" W, grey (set of 2)		—		89265-8DC
Vertical Center Mounting Bracket, 8" W channel (bag of 4)		—		89265-BKT
Vertical Cable Retainer, 8" W channel (bag of 6)		—	[C]	89265-WR1
Vertical Slack Loop Organizer, 8" W channel (package of 2)		—	[D]	89265-SL1

* = Rear retrofit not available.
Standard black replacement covers available through Inside Sales.

8" VERSI-DUCT CAPACITY CHART

Use the chart below to determine maximum recommended cable capacity for 8" Versi-Duct managers, based on average cable outside diameter. To ensure proper bend radius and space for future additions, do not fill to capacity at initial installation.

FEATURE	CHANNEL DEPTH (WXD)	USABLE AREA (IN^2)	CAT 6A CAPACITY (.330" CABLE)	CAT 6 CAPACITY (.230" CABLE)	CAT 5E CAPACITY (.185" CABLE)
8" Channel Size	7.88" x 6.9"	54.3	159	327	505
Finger Spacing	5.5" x 1"	5.5	24	50	77
Large Passthrough	4.8" x 2.6"	11.2	49	101	156
Small Passthrough	2.6" dia.	5.3	23	48	74


A, B

C

D

E, F

G, H

I, J

K

VERSI-DUCT 5" CHANNEL CABLE MANAGEMENT

- 80-inch channel ships in two 40-inch pieces for easier handling and installation
- Interlocking tabs maintain flush channel alignment
- Finger spacing aligns with rack units

VERSI-DUCT HORIZONTAL CABLE MANAGEMENT

- Fits all standard 19-inch racks
- Includes bend-radius-compliant clips
- Finger spacing aligns with patch panel port openings to better manage patch cords

Mount the Slack Loop Organizer on the duct fingers to manage excess cables.

VERSI-DUCT 5" CHANNEL VERTICAL CABLE MANAGEMENT & ACCESSORIES				
DESCRIPTION		FRONT ONLY		FRONT & REAR
Vertical 80" length, 5" W x 4" D channel, standard snap-on black cover (included)		4980L-VFO†		4980L-VFR
Vertical 40" length, 5" W x 4" D channel, standard snap-on black cover (included)	**[A]**	4940L-VFO†	**[B]**	4940L-VFR
Vertical 40" Cover, 5" channel, snap-on, black (set of 4)				4940L-SRC
Vertical 40" Designer Cover, 5" channel, snap-on, grey (set of 2)		—	**[C]**	59265-5DC
Vertical Center Mounting Bracket, 5" channel (set of 2)		—	**[D]**	49265-BKT
Versi-Duct Slack Loop Organizer (set of 2)		—		49265-SL1
Versi-Duct Slack Loop Organizer (extended) (set of 2)		—		49265-SL2
VERSI-DUCT HORIZONTAL CABLE MANAGEMENT & ACCESSORIES				
Horizontal Manager, 2RU, 3" W x 3" D front, 2" W x 4" D rear*, with cover	**[G]**	492RU-HFO	**[H]**	492RU-HFR
Horizontal Manager, 1RU, 1.5" W x 3" D front, 1.5" W x 4" D rear*, with cover	**[I]**	491RU-HFO	**[J]**	491RU-HFR
Horizontal Designer Cover, 2RU, snap-on, grey		—	**[K]**	49265-DC2
Horizontal Designer Cover, 1RU, snap-on, grey		—		49265-DC1
Horizontal Cable Retainer (10 per package)		—	**[E]**	49265-WR1
Horizontal Cover Hinge (4 per package)		—	**[F]**	49265-HNG

† = Rear retrofit not available. * = Bend radius clips included.

5" VERSI-DUCT CAPACITY CHART

Use the chart below to determine maximum recommended cable capacity for 5" Versi-Duct managers, based on average cable outside diameter. To ensure proper bend radius and space for future additions, do not fill to capacity at initial installation.

FEATURE	CHANNEL DEPTH (WXD)	USABLE AREA (IN^2)	CAT 6A CAPACITY (.330" CABLE)	CAT 6 CAPACITY (.230" CABLE)	CAT 5E CAPACITY (.185" CABLE)
5" Channel Size	4.75" x 3.9"	18.5	54	111	172
Finger Spacing	3" x 1"	3.0	13	27	42
Passthrough	3.5" x 1"	3.5	15	32	49

A, B

C

D

E

F, G

H

I

J

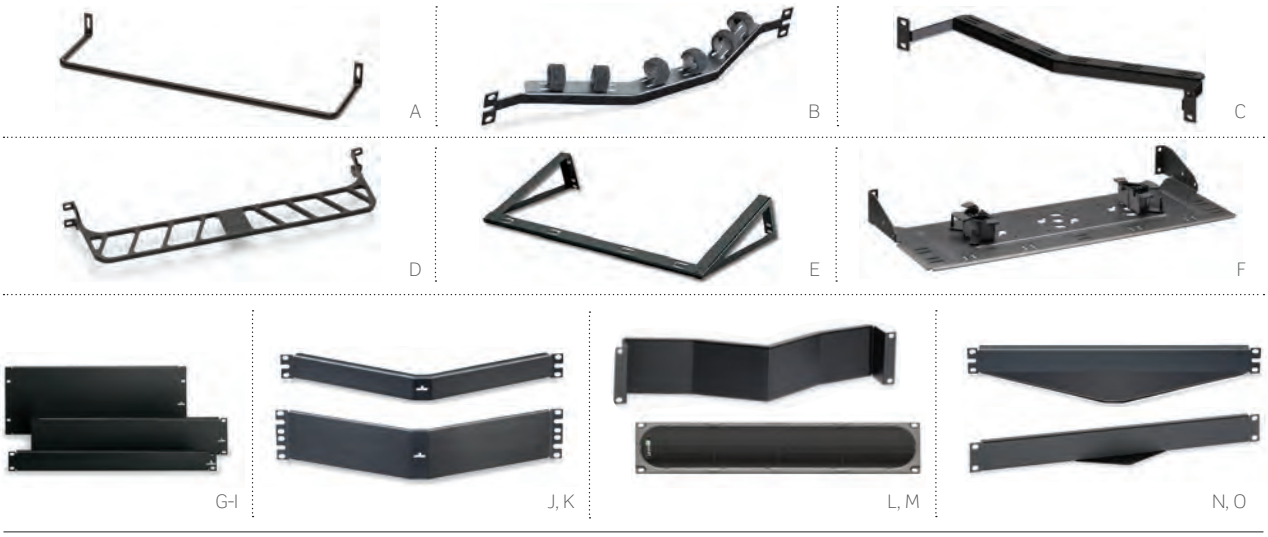
K

HORIZONTAL CABLE MANAGERS

- Available in 1RU, 2RU, and 4RU sizes
- All mount to standard 19-inch racks and cabinets
- 4RU manager includes a shelf to support patch cords
- Horizontal managers support transition to vertical management
- Combo Manager offers front and rear management
- Composite Blank Panel includes cable managers for high-density installations

HORIZONTAL CABLE MANAGERS

DESCRIPTION		FLAT		FLAT WITH METAL COVER		ANGLED	RECESSED-ANGLED		RECESSED-FLAT
Horizontal Manager, 1RU, 4" metal rings	**[A]**	49253-LPM		4925C-LPM	**[B]**	49254-LPM	4W254-LPM		—
Horizontal Manager, 2RU, 4" metal rings		49253-BCM	**[C]**	4925C-BCM		49254-BCM	4W254-BCM		—
Horizontal Manager, 2RU, 2" metal rings		49253-2CM		—		—	—		—
Horizontal Manager, 4RU, 4" metal rings	**[D]**	49253-4CM		—		—	—		—
Horizontal Manager, 1RU, 6" metal rings		49253-6PM		—		—	—		—
Horizontal Manager, 2RU, 6" metal rings		49253-6MR		—		—	—		—
Horizontal Manager, 4RU, 6" metal rings		49253-6CM		—		—	—		—
Horizontal Cable Manager Cover, 4RU		49253-4CV		—		—	—		—
Recessed Horizontal Manager, 1RU, 3" metal rings		—		—		—	—	**[E]**	49253-RCM
Horizontal Manager, 2RU, with plastic saddles	**[F]**	49252-PO2		—		—	—		—
Horizontal Manager, 1RU, with plastic saddles	**[G]**	49252-PO1		—		—	—		—
Combo Front and Rear Manager, 2RU	**[H]**	49252-PCM		—		—	—		—
VELCRO® Brand Horizontal Manager, 1RU	**[I]**	41150-019		—		—	—		—
Tie Wrap Bar, 1" H x 1.5" D	**[J]**	49258-TWB		—		—	—		—
Composite Blank Panel / Cable Manager, 2RU	**[K]**	C1253-2CM		—		—	—		—



REAR CABLE MANAGEMENT BARS

- Standard Flat Cable Management Bar attaches to patch panel
- Angled and recessed-angled bars attach to rack
- High-Density Cable Management Bar supports heavy loads of cable and mounts on front or rear of rack
- Rear Cable Management Bar for active equipment offers extended depth for power cord support and cutouts for air circulation
- e2XHD Rear Cable Manager attaches to rack, includes rings to help manage and route incoming fiber cables, and supports any Leviton panel (see page A22 or B33 for more details)

BLANK PANEL INSERTS

- Provide a seamless look and designate rack space for future expansion

TRANSITIONAL COVERS

- Provide clean, aesthetic transition from angled patch panels to flat equipment
- Improve thermal management

DESCRIPTION	FLAT	ANGLED	RECESSED-ANGLED
REAR CABLE MANAGEMENT BARS			
Standard Cable Management Bar	**[A]** 49005-CMB	**[B]** 49006-AMB	**[C]** 4W006-AMB
High-Density Cable Management Bar, 1RU	**[D]** 49005-DMB	—	—
Rear Cable Manager for Active Equipment, 2RU	**[E]** 41188-SM2	—	—
e2XHD Rear Cable Manager for Flat Panel, with cable management rings (four ¼" rings)	**[F]** E2X1F-CMB	—	—
BLANK PANEL INSERTS			
Blank Panel, 4RU	**[G]** 49254-BP4	—	—
Blank Panel, 2RU	**[H]** 49254-BP2	**[K]** 49254-BA2	**[L]** 4W254-BA2
Blank Panel, 1RU	**[I]** 49254-BP1	**[J]** 49254-BA1	4W254-BA1
Composite Blank Panel / Cable Manager, 2RU	**[M]** C1253-2CM	—	—
TRANSITIONAL COVERS			
Transitional Cover, 1RU	—	**[N]** 49254-BC1	**[O]** 4W254-BC1

CABLE MANAGEMENT RINGS

- Vertical Management Rings are an open ring solution that can be installed in tight spaces and smaller deployments
- Mounting Tie Bracket allows rings to be positioned between racks
- Vertical Transition Rings are used for vertical and horizontal cable management and are compatible with flat and angled panels

HINGED WALL-MOUNT BRACKETS

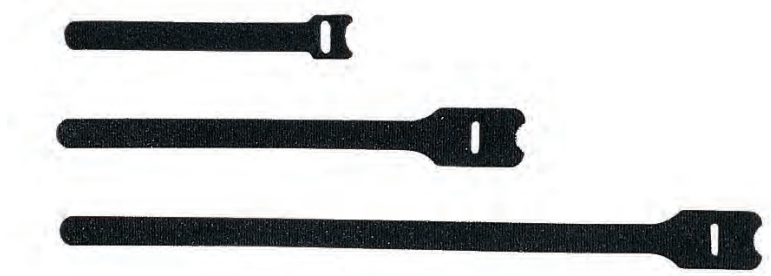
- Designed for installations where space is constrained and racks are not used
- Six-inch deep brackets allow for proper cable management

FRONT HINGED BRACKET

- Simplifies process of terminating cables to rear of patch panels when access is limited
- Easy-access quick-release latches drop to 90-degree and 120-degree positions
- Rack or wall mountable

CABLE MANAGEMENT RINGS		
DESCRIPTION		PART NO.
[A]	3" Vertical Management Rings	49260-MR3
[B]	6" Vertical Management Rings	49260-MR6
[C]	Mounting Tie Bracket	49261-BKT
[D]	Vertical Transition Rings for Angled and Recessed-Angled Panels, 2RU	49262-HR1
HINGED WALL-MOUNT BRACKETS		
[E]	Hinged Wall-Mount Bracket, 2RU, 6" depth	49251-W62
	Hinged Wall-Mount Bracket, 3RU, 6" depth	49251-W63
	Hinged Wall-Mount Bracket, 4RU, 6" depth	49251-W64
FRONT HINGED BRACKET		
[F]	Front Hinged Bracket, 3RU	49400-FHB

Front Hinged Bracket in the 120 degree position



A-C

D, E

F

G

VELCRO-BRAND TIE WRAPS

- Available in 5-, 8-, and 12-inch lengths (0.5-inch width)
- Slot helps secure fastening without overtightening
- All wraps come with 25 units per roll

Maroon products UL Listed for use in plenum or air handling spaces per National Electric Code (NEC) Section 300.

VELCRO-BRAND WRAPS – BULK ROLLS

- Available in 15-, 75-, and 600-foot bulk rolls (0.5-inch width)
- Cut to desired length

VELCRO-BRAND WRAPS – SOFTCINCH LITE ROLLS

- Thinner depth for smaller bundles
- Tear by hand for quick application
- Available in 75-foot roll (0.5-inch width)

VELCRO-BRAND CABLE FASTENERS

DESCRIPTION		BLACK	BLUE	YELLOW	ORANGE	MAROON (PLENUM RATED)
[A]	Tie Wrap, 5" (25 units per roll)	43105-005	—	—	—	—
[B]	Tie Wrap, 8" (25 units per roll)	43108-008	43108-08L	43108-08Y	43108-08O	43108-08P
[C]	Tie Wrap, 12" (25 units per roll)	43112-012	—	—	—	—
[D]	Bulk Roll, 15'	43115-015	—	—	—	—
[E]	Bulk Roll, 75'	43115-075	43115-75L	43115-75Y	43115-75O	43115-75P
[F]	Bulk Roll, 600'	43115-600	—	—	—	—
[G]	SoftCinch Lite Roll, 75'	4S115-75E	—	—	—	—

Black Blue Yellow Orange Maroon

A, B

C

D

VELCRO-BRAND UTILITY FASTENERS

- Saddle ties attach to wood surfaces, relay racks, and enclosures
- Saddle ties are 8 ⅜ inches in length
- Workstation loops, with 1¼-inch diameter, attach with convenient, peel-off adhesive
- Storage rings for inside and outside plant ensure copper and fiber optic bend radius; loops included

VELCRO-BRAND UTILITY FASTENERS		
DESCRIPTION		PART NO.
[A]	Saddle Ties with 10/32 metal rack screws (10 per pack)	41020-SPR
[B]	Saddle Ties with #8 wood screws (10 per pack)	41010-SPW
[C]	Workstation Loops with peel-off adhesive (25 per pack)	41225-SAP
	Storage Rings, Inside Plant, 11.75" diameter	48900-IFR
[D]	Storage Rings, Outside Plant, 24" diameter	48900-OFR

SPOTLIGHT Cincinnati Bell Technology Solutions (CBTS) Scores with Comprehensive Data Center Services

CBTS counts several hundred Cincinnati-area businesses, from small shops to Fortune 500 companies, among its customers. And with a constant demand for colocation and virtual data center services, CBTS required a top-quality infrastructure to achieve the reliability needed for expanding its critical data center environment. After evaluating several options, CBTS chose Leviton connectivity for its quality, reliability, and outstanding performance. Plus, in addition to meeting needs, Leviton took it one step further by developing its custom solutions for unique data center applications.

A

B

C

D

ZONE ENCLOSURES

- Provide flexible consolidation points in ceiling or floor
- Simplify moves, adds, and changes (MACs)
- Plenum rated and includes fire-rated foam sealing kits
- Significant reduction in cable pathway loading
- Use as a telecom enclosure (TE) for cabling flexibility

CEILING ENCLOSURES

- Install flush with drop ceiling
- Fully hinged drop-down doors support installed equipment and open to face technician
- Active and passive styles available
- Mount into standard 2' x 2' and 2' x 4' ceiling tiles
- Active enclosures include AC power back box and venting for active equipment

2' X 2' PASSIVE RAISED-FLOOR ENCLOSURES

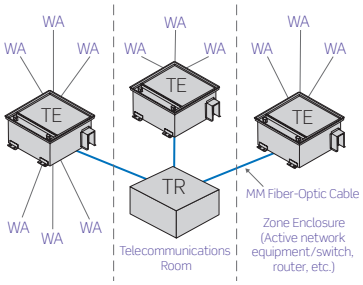
- Fit in air-handling space under 8-inch raised floors
- House two 4RU (8RU total) racks for standard 19-inch components
- Rotating patch panel mounting provides easy access to rear of panels

ZONE ENCLOSURES		
DESCRIPTION		PART NO.
[A]	Active Ceiling Enclosure, 2' x 2', 2RU active and 5RU passive space	Z1000-AC2
[B]	Active Ceiling Enclosure, 2' x 4', 4RU active and 10RU passive space	Z1000-AC4
[C]	Passive Raised-Floor Enclosure, 8" depth, 8RU passive space	Z1000-PF2
[D]	Passive Ceiling Enclosure, 2' x 2', 5RU passive space	Z1000-PC2

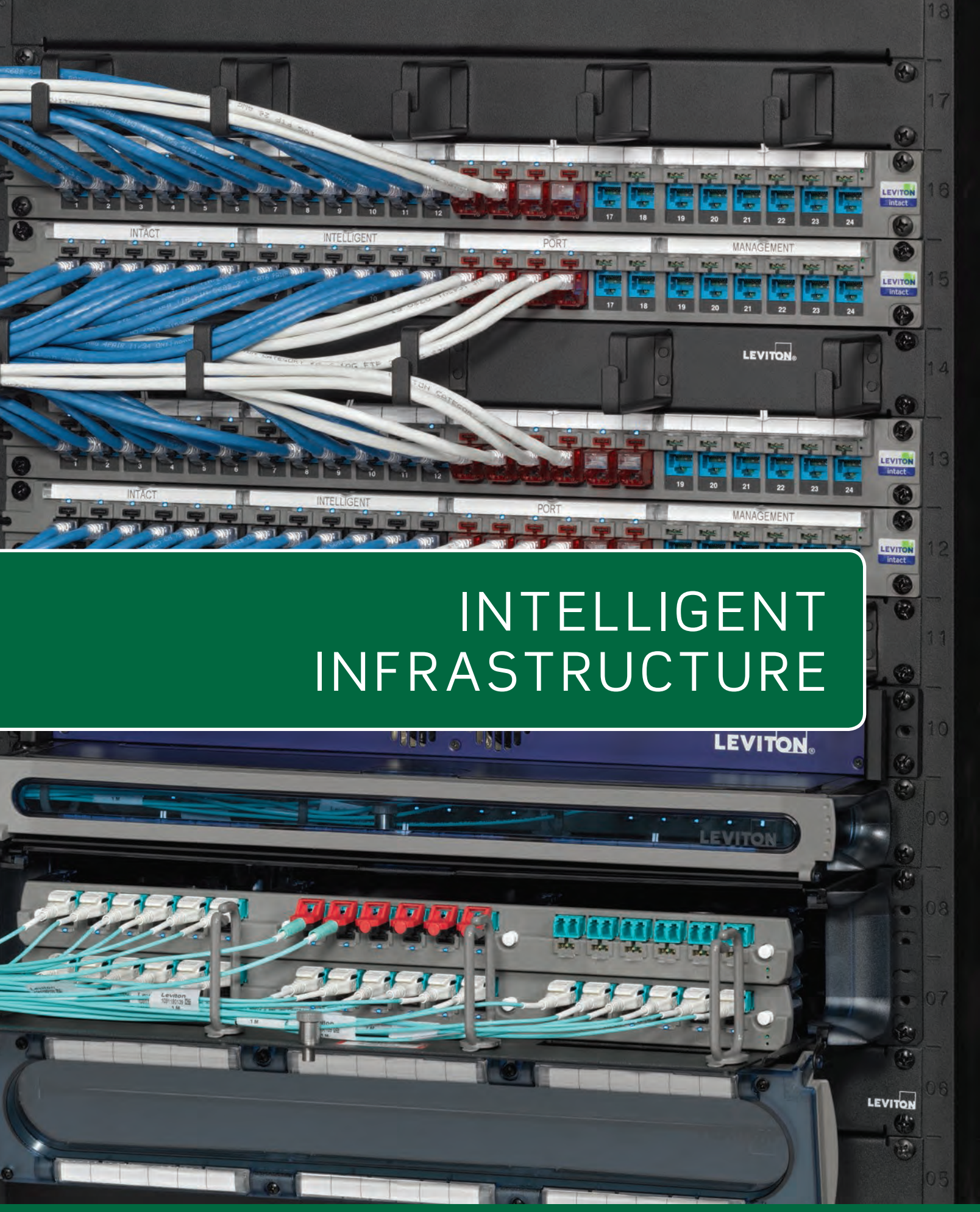
SPOTLIGHT Zone Cabling Design Benefits

In a zone cabling design, cables are routed from the telecommunications room (TR) to appropriately placed telecommunications enclosures (TE). Cabling is then run from the zone enclosure to each work area (WA). In an Active Zone Enclosure System, a single fiber run can support dozens of work areas, significantly reducing cable pathway loading and TR space requirements. Zone cabling designs are ideal for open office architecture. Zone cabling benefits include:

- Maximum infrastructure flexibility
- Improved network performance
- Simplified moves, adds, and changes
- Reduced floor space usage
- Significantly reduced cost of ownership



INTELLIGENT INFRASTRUCTURE



SECTION F CONTENTS

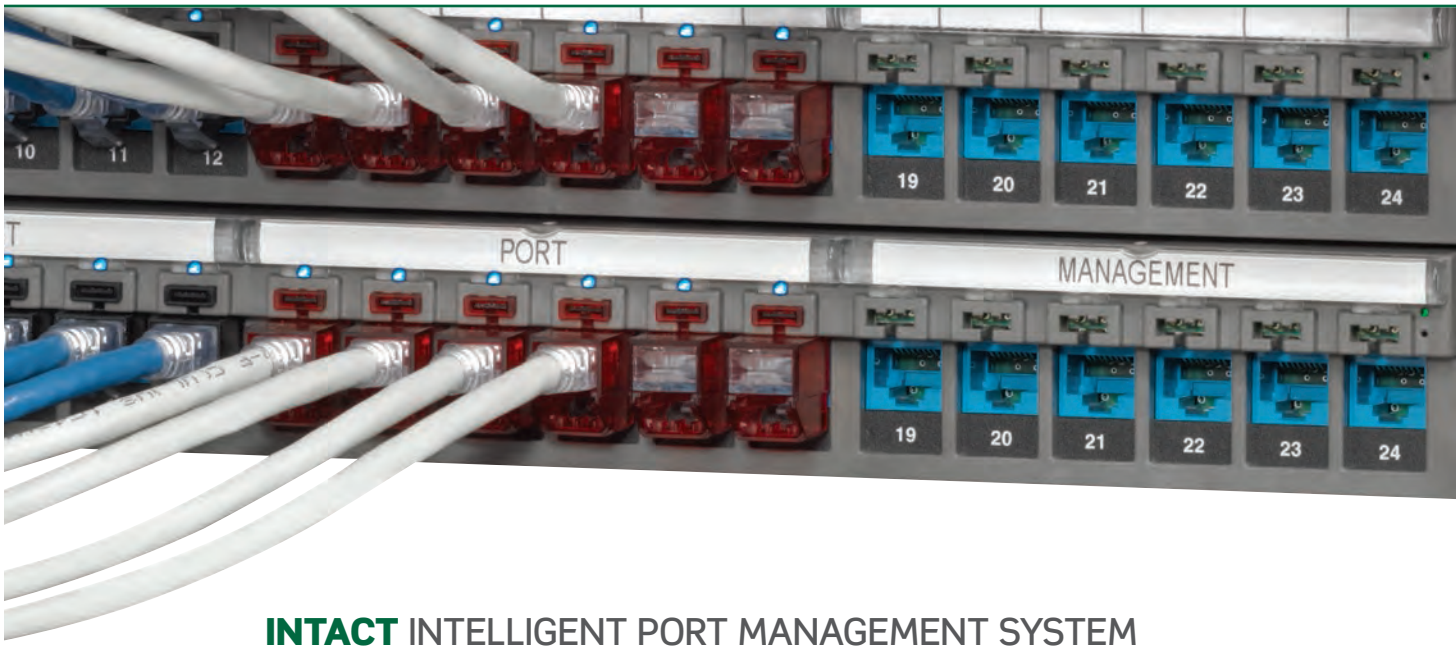
INTACT™ INTELLIGENT PORT MANAGEMENT SYSTEM

F3 Introduction

F4 Software & Hardware

F5 System Components

F6 Patch Cords & Port Blockers

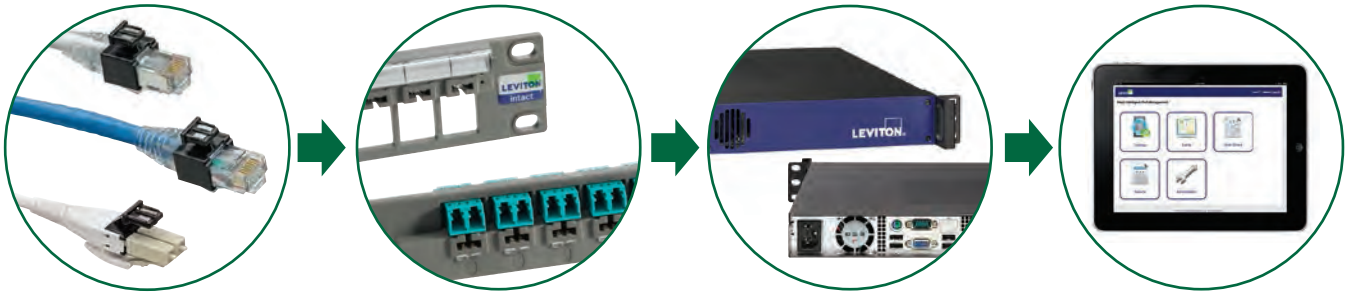


INTACT INTELLIGENT PORT MANAGEMENT SYSTEM

The Intact Intelligent Port Management System offers a simple, straightforward way to manage network changes. It provides real-time network documentation with alerts for faults or unplanned changes to ports. By focusing on the core change management processes used every day, Intact reduces the complexity found in other systems.

- Receive and maintain accurate, up-to-date network documentation
- Identify and diagnose problems faster, reducing downtime and risk of human error
- Assist technicians through changes and troubleshooting by managing work orders, logging events, and creating visual network topologies
- Improves asset management with the ability to model the end-to-end circuit, identifying the physical location of active equipment

HOW INTACT **WORKS**



A microchip is attached to the Intact **Patch Cord** plug, programmed with information unique to each cord.

Intact **Intelligent Panels** monitor port status and communicate with the Intact Device Manager.

The **Device Manager** hosts the pre-installed Intact Software. Multiple Device Managers operate together seamlessly for larger systems.

Intact **Software** is accessed from the corporate network using Web browsers, including those on tablets and smartphones.

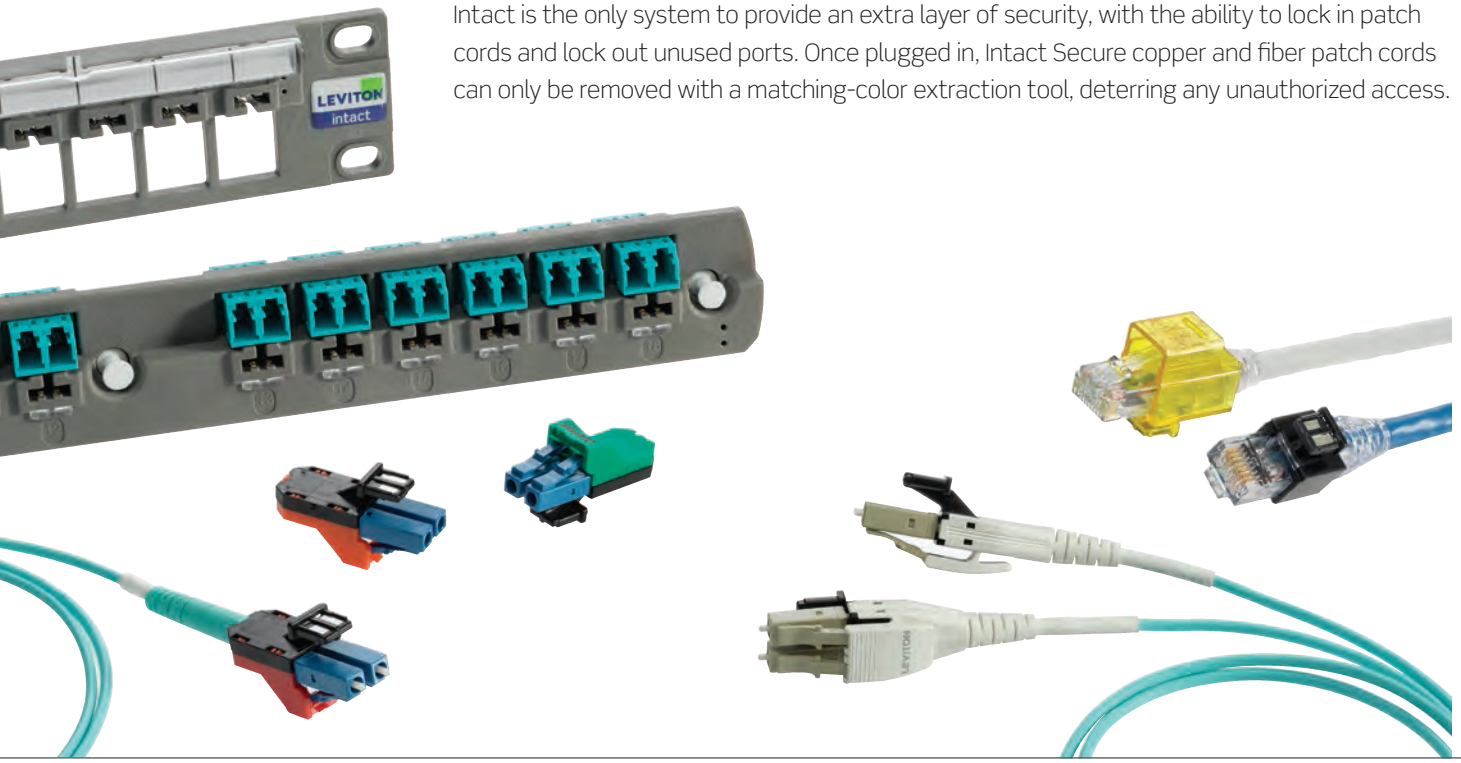
SOFTWARE

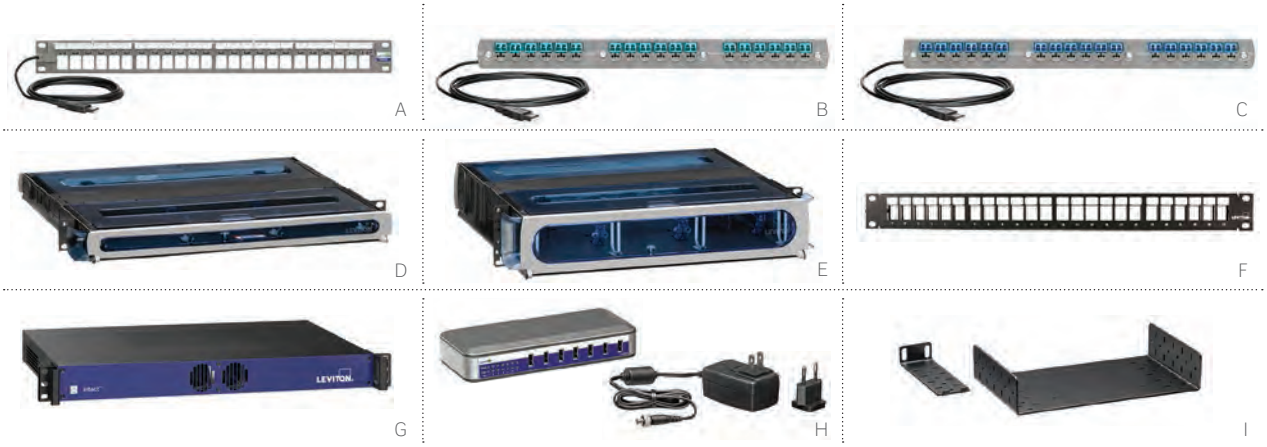
Intact software comes pre-loaded on the Device Manager, so there's no set-up or configuring. It can be accessed on any Web browser over the corporate network, including mobile devices like tablets or smartphones. The software manages work orders, event logging, and visual network topology to assist technicians and IT managers through moves, adds, changes, and troubleshooting.

HARDWARE

The Intact system is available for both copper and optical fiber networks. Standard Leviton patch panels and enclosures can easily be upgraded to Intact intelligent panels, and Intact copper and fiber patch cords are also based on existing standard product designs. The added intelligent technology allows the system to monitor the connection status of ports.

Intact is the only system to provide an extra layer of security, with the ability to lock in patch cords and lock out unused ports. Once plugged in, Intact Secure copper and fiber patch cords can only be removed with a matching-color extraction tool, deterring any unauthorized access.





FEATURES

- Intact Intelligent Panels send network port status back to the Intact Device Manager, a 1RU Ethernet-enabled controller that hosts the system software
- During work orders and when alarms occur, LED lights provide guidance above affected ports on the panel
- Using Intact Device Hubs, one Device Manager can expand to support over 100 Intact panels
- Multiple Device Managers operate seamlessly, allowing systems to scale easily
- QuickPort® copper panels (1RU, 24-port) and SDX 2000i fiber enclosures (1RU, 2RU) are "intelligent-ready" and can be upgraded to become an Intact intelligent device while remaining on the rack
- Panels and enclosures can be upgraded without removing connectors, preserving the integrity of permanent link testing

INTACT INTELLIGENT PORT MANAGEMENT SYSTEM COMPONENTS		
DESCRIPTION		PART NO.
[A]	Intact QuickPort Patch Panel Upgrade Kit, 24-port*	4MKIT-F24
[B]	Intact SDX Fiber Upgrade Kit, 36-fiber, Aqua MM LC duplex adapters included*	5RKIT-OM3
[C]	Intact SDX Fiber Upgrade Kit, 36-fiber, Blue SM LC duplex adapters included*	5RKIT-OS2
[D]	SDX 2000i 1RU Enclosure (Intelligent-Ready), empty	5R1UH-S03
[E]	SDX 2000i 2RU Enclosure (Intelligent-Ready), empty	5R2UH-S06
[F]	Flat QuickPort® Patch Panel (Intelligent-Ready), 1RU, 24-port, empty	49255-H24
[G]	Intact Device Manager, 1RU, software and C13 to 5-15P power cord included	4MSYS-IDM
[H]	Intact Device Hub, includes power supply adapter with U.S. and Euro plug options and 2-meter USB cable	4MSYS-IDH
[I]	Intact Device Hub Mounting Bracket	4MSYS-BKT

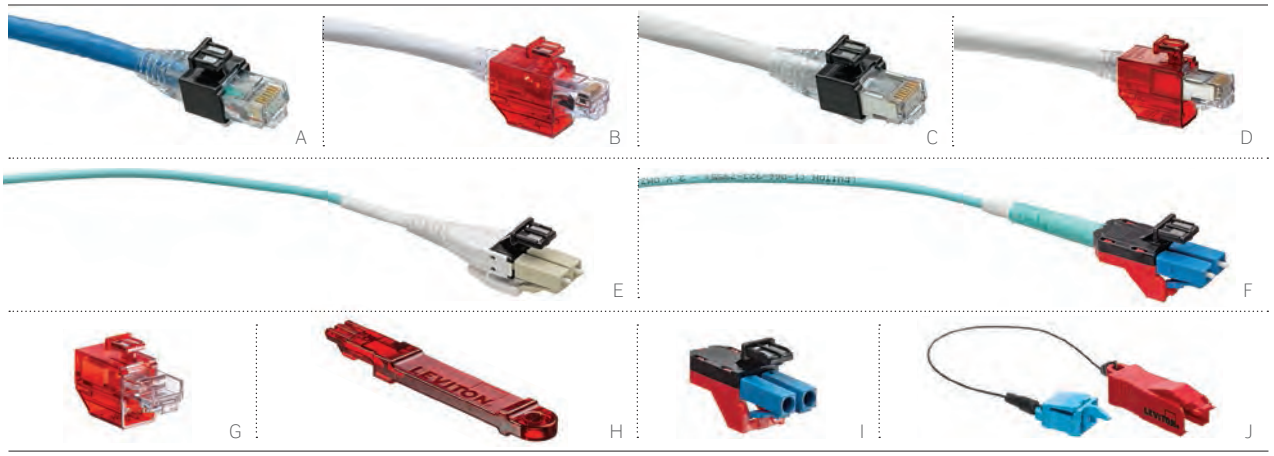
* = QuickPort Panels and Fiber Enclosures are sold separately.

Make-to-Order! INTACT COPPER & INTACT SECURE RJ COPPER PATCH CORD OPTIONS

CORD TYPE	SECURE HOUSING COLOR	CABLE COLOR	CABLE TYPE	HOUSING PLACEMENT	CABLE LENGTH
• Intact • Intact Secure	• Transparent White • Transparent Yellow • Transparent Orange • Transparent Red • Transparent Blue • Transparent Green • Transparent Black • Transparent Purple	• White • Yellow • Red • Blue • Green • Grey • Black	• Cat 6A FTP CM • Cat 6 UTP CM	**FIRST END** • Intact • Intact Secure RJ **SECOND END** • Intact • Intact Secure RJ • Secure RJ	• 3-72 Feet • 1-22 Meters

Make to order! leviton.com/configurator

For assistance customizing your patch cords, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.



PATCH CORD FEATURES

- Intact Cat 6 and 6A RJ patch cords are independently tested and verified by Intertek (ETL) for component performance
- Intact fiber patch cords are available in OM4, OM3, OM2, OM1, and OS2
- Intact Secure RJ and LC cords include a patented locking mechanism that cannot be released without a matching-color extraction tool
- Intact Secure Port Blockers prevent unauthorized port access and enable ports to be reserved for future use
- Patch cord insertion loss and return loss tested to industry-leading standards for both copper and fiber

INTACT INTELLIGENT PATCH CORDS & PORT BLOCKERS

DESCRIPTION		PART NO.
[A]	Intact Cat 6 Copper Patch Cord	Customize your patch cords at Leviton.com/configurator
[B]	Intact Secure Cat 6 Copper Patch Cord	Customize your patch cords at Leviton.com/configurator
[C]	Intact Cat 6A Copper Patch Cord	Customize your patch cords at Leviton.com/configurator
[D]	Intact Secure Cat 6A Copper Patch Cord	Customize your patch cords at Leviton.com/configurator
[E]	Intact Fiber Patch Cord	Customize your patch cords at Leviton.com/configurator
[F]	Intact Secure Fiber Patch Cord	Customize your patch cords at Leviton.com/configurator
[G]	Intact Secure RJ Port Blocker	MRJPB-00*
[H]	Secure RJ Extraction Tool	SRJET-00*
[I]	Intact Secure LC Port Blocker	MLCPB-^LG
[J]	Secure LC Extraction Tool with Dust Cap	ETRTN-^TL

* = Secure RJ Colors (transparent):

White (W) · Yellow (Y) · Orange (O) · Red (R) · Blue (L) · Green (G) · Purple (P) · Black (B)

^ = Secure LC Colors:

White (W) · Yellow (Y) · Orange (O) · Red (R) · Blue (L) · Green (V) · Slate (G) · Black (E)

Make-to-Order! INTACT FIBER & INTACT SECURE LC FIBER PATCH CORD OPTIONS

FIBER TYPE	KEYED COLOR	CABLE TYPE / POLARITY	TERMINATION	CABLE LENGTH
• OM1 • OM2 • OM3 • OM4 • OS2	• White • Yellow • Orange • Red • Blue • Green • Slate • Black	• Duplex Riser-Rated A to B Polarity • Duplex Plenum-Rated A to B Polarity • Duplex Riser-Rated A to A Polarity • Duplex Plenum-Rated A to A Polarity	**FIRST END** • Intact Duplex LC (uniboot) • Intact Secure Duplex LC (uniboot) **SECOND END** • Intact Duplex LC (uniboot) • Intact Secure Duplex LC (uniboot) • Secure Duplex LC (uniboot) • Duplex LC (uniboot)	• 1-22 Meters

Make to order! leviton.com/configurator

For assistance customizing your patch cords, please visit Leviton.com/configurator or call Tech Support at 800.824.3005.

POWER SOLUTIONS

SECTION G CONTENTS

POWER DISTRIBUTION UNITS (PDUs)

G3 Switched Series

G5 Metered Series

G7 P1000 Series

G9 5500 & 5505 Series

G10 4500 Series

A

B

C D E F G

STANDARDS & CERTIFICATIONS

UL 60950-1
LISTED | #E228302

RECOMMENDED APPLICATIONS:

Data Center Cabinets

Telecommunications Racks

For assistance selecting your power distribution units, please visit Leviton.com/pdu or call Tech Support at 800.824.3005.

SWITCHED SERIES

- Securely monitors and controls cabinet power remotely for data center or remote branch office
- Combines remote configuration and management with power distribution and environmental monitoring
- Receive SNMP- or email-based alerts when power or environmental conditions exceed thresholds
- Remote individual outlet control allows shut-down of unused outlets and remote rebooting of attached equipment
- Firmware is easily upgraded via network download to installed units for future product enhancements
- External probe available separately for relative temperature and humidity monitoring
- Power sequencing minimizes in-rush current and prevents circuit overload
- Input current and output current per phase can be monitored remotely or through local display
- Available in single-phase 120V, single-phase 208V, and three-phase 208V configurations
- Available in vertical Zero-U or horizontal rack-mount styles
- Included mounting hardware allows attachment to most common cabinets and racks

HORIZONTAL SINGLE-PHASE SWITCHED (PDUs)

PART NO.	INPUT			OUTPUT					
	PLUG TYPE	VOLTAGE	CURRENT	POWER	VOLTAGE	RECEPTACLE QTY. & TYPE	MAX. CURRENT	OVERLOAD PROTECTION	DIMENSIONS (in.) L x H x D
[A] SH081-1D1*	Modular Cord	120V Single Phase	20A	2.4 kW	120V	(8) 5-20R	16A Total	Breakers	17.2 x 1.75 x 7.0
[B] SH082-1C2	L6-30P	208V Single Phase	30A	6.3 kW	208V	(8) C13	24A Total	Breakers	17.2 x 1.75 x 7.1

VERTICAL SINGLE-PHASE SWITCHED (PDUs)

PART NO.	INPUT			OUTPUT					
	PLUG TYPE	VOLTAGE	CURRENT	POWER	VOLTAGE	RECEPTACLE QTY. & TYPE	MAX. CURRENT	MODULAR	DIMENSIONS (in.) L x W x D
[C] SV161-1D1*	Modular Cord	120V Single Phase	20A	2.4 kW	120V	(16) 5-20R	16A Total	Fuses	44.5 x 1.75 x 2.25
[D] SV241-1D1*	Modular Cord	120V Single Phase	20A	2.4 kW	120V	(24) 5-20R	16A Total	Fuses	65.5 x 1.75 x 2.25
[E] SV242-1C2	L6-30P	208V Single Phase	30A	6.3 kW	208V	(24) C13	24A Total	Breakers	69.0 x 1.75 x 2.25

VERTICAL 3-PHASE SWITCHED (PDUs)

PART NO.	INPUT			OUTPUT					
	PLUG TYPE	VOLTAGE	CURRENT	POWER	VOLTAGE	RECEPTACLE QTY. & TYPE	MAX. CURRENT	OVERLOAD PROTECTION	DIMENSIONS (in.) L x W x D
[F] SV243-1F3†	L21-30P	208V 3-Phase WYE	30A	10.8 kW	208V	(18) C13; (6) C19; (1) 5-20R	20A / Bank	Fuses	69.0 x 1.75 x 2.25
SV243-1H4†	L15-30P	208V 3-Phase Delta	30A	10.8 kW	208V	(18) C13; (6) C19	20A / Bank	Fuses	69.0 x 1.75 x 2.25
[G] SV243-1J4†	CS8365C	208V 3-Phase Delta	50A	18.0 kW	208V	(18) C13; (6) C19	20A / Bank	Breakers	70.0 x 1.75 x 3.5
SV243-1K4†	460P9	208V 3-Phase Delta	60A	21.6 kW	208V	(18) C13; (6) C19	20A / Bank	Breakers	70.0 x 1.75 x 3.5
SV243-1L4†	560P9	208V 3-Phase WYE	60A	21.6 kW	208V	(18) C13; (6) C19	20A / Bank	Breakers	70.0 x 1.75 x 3.5

* = 120V/20A PDUs require a modular power cord.
† = **Lead times may apply.**

ACCESSORIES

DESCRIPTION	PART NO.
Modular Power Cord, C19 to 5-15P, 10 ft	PCORD-S51
Modular Power Cord, C19 to 5-20P, 10 ft	PCORD-S52
Modular Power Cord, C19 to L5-20P, 10 ft	PCORD-L52
Rack Mounting Kit for Vertical PDUs	PDURK-RMK
Temperature/Humidity Probe, 10ft	TCORD-010

PCORD-S51

TCORD-010

INPUT PLUG TYPES

NEMA 5-15P 120V

NEMA 5-20P 120V

NEMA L5-20P 120V

NEMA L5-30P 120V

NEMA L6-30P 208V

NEMA L15-30P

NEMA L21-30P

Non-NEMA CS8365C

IEC 60309 460P9W

IEC 60309 560P9W

OUTPUT RECEPTACLE TYPES

NEMA 5-20R 120V

IEC 60320 C13 208V

IEC 60320 C19 208V

STANDARDS & CERTIFICATIONS

UL 60950-1
LISTED | #E228302

RECOMMENDED APPLICATIONS:

Data Center Cabinets

Telecommunications Racks

For assistance selecting your power distribution units, please visit Leviton.com/pdu or call Tech Support at 800.824.3005.

METERED SERIES

- Provides branch circuit protection and reliable power distribution for active equipment
- Current monitoring helps prevent overloads in high-density computing environments
- Local display shows current usage for each phase (three-phase models have three displays)
- Available in single-phase 120V, single-phase 208V, and three-phase 208V configurations
- Available in vertical Zero-U or horizontal rack-mount styles
- Included mounting hardware allows attachment to most common cabinets and racks

HORIZONTAL SINGLE-PHASE METERED (PDUs)

	PART NO.	INPUT			OUTPUT					
		PLUG TYPE	VOLTAGE	CURRENT	POWER	VOLTAGE	RECEPTACLE QTY. & TYPE	MAX. CURRENT	OVERLOAD PROTECTION	DIMENSIONS (in.) L x H x D
[A]	MH101-1D1*	Modular Cord	120V Single Phase	20A	2.4 kW	120V	(10) 5-20R	16A Total	None	17.2 x 1.75 x 5.0
[B]	MH122-1C2	L6-30P	208V Single Phase	30A	6.3 kW	208V	(12) C13	24A Total	Fuses	17.2 x 1.75 x 5.0

VERTICAL SINGLE-PHASE METERED (PDUs)

	PART NO.	INPUT			OUTPUT					
		PLUG TYPE	VOLTAGE	CURRENT	POWER	VOLTAGE	RECEPTACLE QTY. & TYPE	MAX. CURRENT	MODULAR	DIMENSIONS (in.) L x W x D
[C]	MV302-1C6	L6-30P	208V Single Phase	30A	6.3 kW	208V	(24) C13; (6) C19	24A Total	Breakers	60.0 x 1.75 x 2.25
	MV241-1D1*	Modular Cord	120V Single Phase	20A	2.4 kW	120V	(24) 5-20R	16A Total	Fuses	54.0 x 1.75 x 2.25

VERTICAL THREE-PHASE METERED (PDUs)

	PART NO.	INPUT			OUTPUT					
		PLUG TYPE	VOLTAGE	CURRENT	POWER	VOLTAGE	RECEPTACLE QTY. & TYPE	MAX. CURRENT	OVERLOAD PROTECTION	DIMENSIONS (in.) L x W x D
[D]	MV243-1H4†	L15-30P	208V 3-Phase Delta	30A	10.8 kW	208V	(18) C13; (6) C19	13.8A / Bank	Fuses	69.0 x 1.75 x 2.25
	MV243-1F4†	L21-30P	208V 3-Phase WYE	30A	10.8 kW	208V	(18) C13; (6) C19	13.8A / Bank	Fuses	69.0 x 1.75 x 2.25
[E]	MV243-1J5†	CS8365C	208V 3-Phase Delta	50A	18.0 kW	208V	(12) C13; (12) C19	20A / Bank	Breakers	65.0 x 1.75 x 3.5
[F]	MV243-1K5†	460P9	208V 3-Phase Delta	60A	21.6 kW	208V	(12) C13; (12) C19	20A / Bank	Breakers	65.0 x 1.75 x 3.5
	MV243-1L5†	560P9	208V 3-Phase WYE	60A	21.6 kW	208V	(12) C13; (12) C19	20A / Bank	Breakers	65.0 x 1.75 x 3.5

* = 120V/20A PDUs require a modular power cord.
† = **Lead times may apply.**

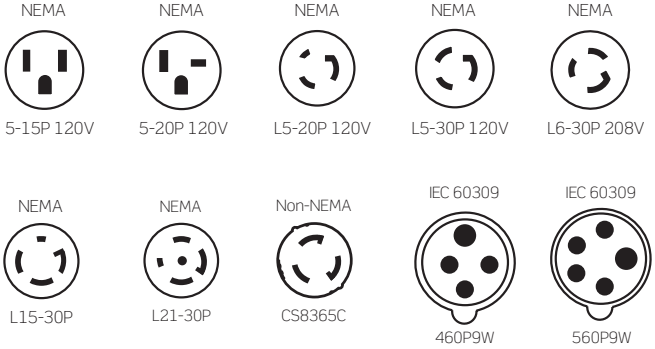
ACCESSORIES

DESCRIPTION	PART NO.
Modular Power Cord, C19 to 5-15P, 10 ft	PCORD-S51
Modular Power Cord, C19 to 5-20P, 10 ft	PCORD-S52
Modular Power Cord, C19 to L5-20P, 10 ft	PCORD-L52
Rack Mounting Kit for Vertical PDUs	PDURK-RMK

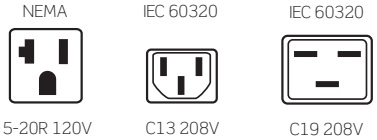
PCORD-S51

PDURK-RMK

INPUT PLUG TYPES



OUTPUT RECEPTACLE TYPES



A

B

C D E

Leviton P1000 Series Rack PDUs are designed for data centers, wiring closets, and other environments that require cost-effective, "always-on" power. The robust, compact design ensures that these products can be used wherever reliability and density are important.

P1000 SERIES

- All models feature circuit breaker protection to prevent current overloads
- Available in 120V or 208V versions with 15, 20, or 30 amps
- 208V PDUs come with 2-pole circuit breakers for added safety
- Surge-protected models prevent damage from transient surges
- LED indicators for power, grounding/polarity, and surge protection where applicable
- Hardwired power input cord
- 18-gauge cold-rolled steel construction
- Available in vertical Zero-U or horizontal 19-inch rack-mount styles
- Mounting hardware included; optional adjustable rack-mounting bracket available

Vertical P1000 units ship with flat brackets, L-brackets, backplates, mounting buttons, screws, and washers to support a variety of workstation options.

STANDARDS & CERTIFICATIONS

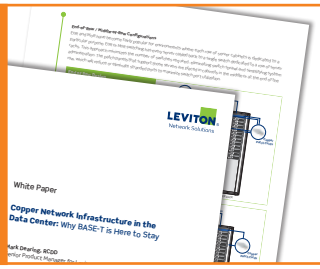
UL 60950-1 LISTED | #E228302
UL 1449 LISTED 3RD ED. | #E228302
(P1070 SERIES ONLY)

RECOMMENDED APPLICATIONS:

Data Center Cabinets

Telecommunications Racks

LEARN: WHITE PAPER



Leviton.com/NS/WhitePapers
Copper Network Infrastructure in the Data Center: Why BASE-T is Here to Stay

As data centers migrate to 25G and 40G networks, twisted-pair copper structured cabling will continue to offer a flexible, cost-effective, and dependable solution to support higher bandwidths. In this white paper, you'll learn why Category 8 will play a key role in supporting next generation networks and get an overview of the latest standards defining Category 8 and 40GBASE-T.

UNMETERED HORIZONTAL POWER DISTRIBUTION UNITS (PDUs), SINGLE INPUT

PART NO.	INPUT				OUTPUT			DIMENSIONS (inches) H x W x D
	VOLTAGE	AMPS	CORD LENGTH	PLUG TYPE	VOLTAGE	RECEPTACLE TYPE	RECEPTACLE QUANTITY	
P1020-12S	120V	15A	12'	5-15P	120V	5-15R	10	1.75 x 17.5 x 4.5
[A] P1021-12S	120V	20A	12'	5-20P	120V	5-20R	10	1.75 x 17.5 x 4.5
P1022-12L	120V	20A	12'	L5-20P	120V	5-20R	10	1.75 x 17.5 x 4.5
P1023-12L	120V	30A	12'	L5-30P	120V	5-20R	16	3.5 x 17.5 x 4.5
[B] P1024-12L	208V	20A	12'	L6-20P	208V	C13	12	1.75 x 17.5 x 4.5
P1025-12L	208V	30A	12'	L6-30P	208V	C13	16	3.5 x 17.5 x 4.5

UNMETERED VERTICAL POWER DISTRIBUTION UNITS (PDUs), SINGLE INPUT

PART NO.	INPUT				OUTPUT			DIMENSIONS (inches) L x W x D
	VOLTAGE	AMPS	CORD LENGTH	PLUG TYPE	VOLTAGE	RECEPTACLE TYPE	RECEPTACLE QUANTITY	
P1040-10S	120V	15A	10'	5-15P	120V	5-15R	16	30 L x 1.8 W x 1.75
[C] P1041-10S	120V	20A	10'	5-20P	120V	5-20R	16	30 L x 1.8 W x 1.75
P1042-10L	120V	20A	10'	L5-20P	120V	5-20R	16	30 L x 1.8 W x 1.75
P1043-10S	120V	20A	10'	5-20P	120V	5-20R	24	48 L x 1.8 W x 1.75
[D] P1044-10L	120V	20A	10'	L5-20P	120V	5-20R	24	48 L x 1.8 W x 1.75
P1045-10L	120V	30A	10'	L5-30P	120V	5-20R	24	48 L x 1.8 W x 1.75
P1046-10L	208V	20A	10'	L6-20P	208V	C13	24	48 L x 2.19 W x 2
[E] P1047-10L	208V	30A	10'	L6-30P	208V	C13	24	48 L x 2.19 W x 2

SURGE-PROTECTED VERTICAL POWER DISTRIBUTION UNITS (PDUs), SINGLE INPUT

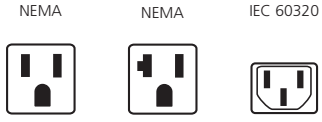
PART NO.	INPUT				OUTPUT			DIMENSIONS (inches) L x W x D
	VOLTAGE	AMPS	CORD LENGTH	PLUG TYPE	VOLTAGE	RECEPTACLE TYPE	RECEPTACLE QUANTITY	
P1070-10S	120V	15A	10'	5-15P	120V	5-15R	16	30 L x 2.19 W x 1.73 D
P1071-10S	120V	20A	10'	5-20P	120V	5-20R	16	30 L x 2.19 W x 1.73 D
P1072-10L	120V	20A	10'	L5-20P	120V	5-20R	16	30 L x 2.19 W x 1.73 D
P1073-10S	120V	20A	10'	5-20P	120V	5-20R	24	48 L x 2.19 W x 1.73 D
P1074-10L	120V	20A	10'	L5-20P	120V	5-20R	24	48 L x 2.19 W x 1.73 D

All P1000 Series PDUs have hard-wired cords.

INPUT PLUG TYPES

5-15P 120V | 5-20P 120V | L5-20P 120V | L5-30P 120V | L6-20P 208V | L6-30P 208V

OUTPUT RECEPTACLE TYPES



5-15R 120V | 5-20R 120V | C13 208V

A

B

Leviton 5500 and 5505 Series Power Distribution Units (PDUs) help power and protect vital electronic equipment. These PDUs are similar to the 4500 Series, but with the added assurance of surge protection. The 5500 and 5505 Series share several key features, including:

- Resettable circuit breaker to protect against overloading
- 12 receptacles: 10 in back, 2 in front
- 20-amp versions available with either straight blade or locking input plug
- Mounts horizontally on 19-inch racks or cabinets

STANDARDS & CERTIFICATIONS

UL 1363 RECOGNIZED | #E118936
5500: UL 1449 LISTED 3RD ED. | #E118936/3/1
5505: UL 1449 LISTED 3RD ED. | #E118936/3/2

5500 SERIES WITH ENHANCED SURGE PROTECTION

- Peak surge current: 72 kA
- VPR — L-N: 400 Vpk, L-G/N-G: 500 Vpk
- EMI/RFI noise filtering: 100 kHz to 30 MHz, -10 dB to -35 dB
- Type SPD: 4
- Physical dimensions: 1.75" H x 19" W x 4.55" D

5505 SERIES WITH SURGE PROTECTION

- Peak surge current: 27 kA
- VPR — L-N: 600 Vpk, L-G/N-G: 700 Vpk
- EMI/RFI noise filtering: 100 kHz to 30 MHz, -5 dB to -40 dB
- Type SPD: 4
- Physical dimensions: 1.75" H x 19" W x 2.5" D

5500/5505 SERIES RACK-MOUNT POWER DISTRIBUTION UNITS (PDUs) WITH SURGE PROTECTION

PART NO.	FOOTPRINT	ON/OFF SWITCH		INPUT				OUTPUT		
		YES	NO	INPUT VOLTAGE	AMPS	CORD LENGTH	INPUT PLUG	OUTPUT VOLTAGE	RECEPTACLE TYPE	RECEPTACLE QUANTITY
[A] 5500-190	Horizontal / Rack Mnt.	•		120V	15A	12'	5-15P	120V	5-15R	12
5500-192	Horizontal / Rack Mnt.	•		120V	20A	12'	5-20P	120V	5-20R	12
5500-20L	Horizontal / Rack Mnt.	•		120V	20A	12'	L5-20P	120V	5-20R	12
5500-15N	Horizontal / Rack Mnt.		•	120V	15A	12'	5-15P	120V	5-15R	12
[B] 5500-20N	Horizontal / Rack Mnt.		•	120V	20A	12'	5-20P	120V	5-20R	12
5500-2NL	Horizontal / Rack Mnt.		•	120V	20A	12'	L5-20P	120V	5-20R	12
5505-190	Horizontal / Rack Mnt.	•		120V	15A	12'	5-15P	120V	5-15R	12

INPUT PLUG TYPES

NEMA

5-15P 120V

NEMA

5-20P 120V

NEMA

L5-20P 120V

OUTPUT RECEPTACLE TYPES

NEMA

5-15R 120V

NEMA

5-20R 120V

A

B

Leviton 4500 Series Power Distribution Units (PDUs) provide the robust and economical solutions needed to power vital electronic equipment. Similar to the 5500 series, but without surge protection, the 4500 Series offers flexibility and economy for use in diverse applications.

4500 SERIES

- Resettable circuit breaker provides overload protection
- 12 receptacles: 10 in back, 2 in front
- Available in 15- or 20-amp versions
- 20-amp versions available with either straight blade or locking input plug
- Easy-access on/off rocker switch
- Mounts horizontally on 19-inch racks or cabinets
- Physical dimensions: 1.75" H x 19" W x 3" D

STANDARDS & CERTIFICATIONS

UL 1363 RECOGNIZED | #E118936
UL 60950-1 LISTED | #E228302

RECOMMENDED APPLICATIONS: (5500/5505/4500)

Telecommunications Racks

4500 SERIES RACK-MOUNT POWER DISTRIBUTION UNITS (PDUs)

PART NO.	FOOTPRINT	ON/OFF SWITCH		INPUT				OUTPUT		
		YES	NO	INPUT VOLTAGE	AMPS	CORD LENGTH	INPUT PLUG	OUTPUT VOLTAGE	RECEPTACLE TYPE	RECEPTACLE QUANTITY
4515-07S	Horizontal / Rack Mnt.	•		120V	15A	7'	5-15P	120V	5-15R	12
[A] 4515-10S	Horizontal / Rack Mnt.	•		120V	15A	10'	5-15P	120V	5-15R	12
4515-15S	Horizontal / Rack Mnt.	•		120V	15A	15'	5-15P	120V	5-15R	12
4520-07S	Horizontal / Rack Mnt.	•		120V	20A	7'	5-20P	120V	5-20R	12
[B] 4520-10S	Horizontal / Rack Mnt.	•		120V	20A	10'	5-20P	120V	5-20R	12
4520-15S	Horizontal / Rack Mnt.	•		120V	20A	15'	5-20P	120V	5-20R	12
4520-07L	Horizontal / Rack Mnt.	•		120V	20A	7'	L5-20P	120V	5-20R	12
4520-10L	Horizontal / Rack Mnt.	•		120V	20A	10'	L5-20P	120V	5-20R	12
4520-15L	Horizontal / Rack Mnt.	•		120V	20A	15'	L5-20P	120V	5-20R	12

INPUT PLUG TYPES

NEMA

5-15P 120V

NEMA

5-20P 120V

NEMA

L5-20P 120V

OUTPUT RECEPTACLE TYPES

NEMA

5-15R 120V

NEMA

5-20R 120V

MDU & HOSPITALITY SOLUTIONS

SECTION H CONTENTS

MULTIPLE DWELLING UNITS (MDU) SYSTEMS

H3 Populating the Structured Media Enclosure

STRUCTURED MEDIA®

H5 Structured Media Enclosures

H9 Concrete-Mountable Structured Media & RF Transparent Enclosures

H10 Fiber-to-the-Home (FTTH) Solutions

H11 Routers & Switches

H12 Power Supplies & Surge Protection

H13 Mounting Brackets & Patch Cords

H15 Twist & Mount, TIDP & Compact Structured Media Panels

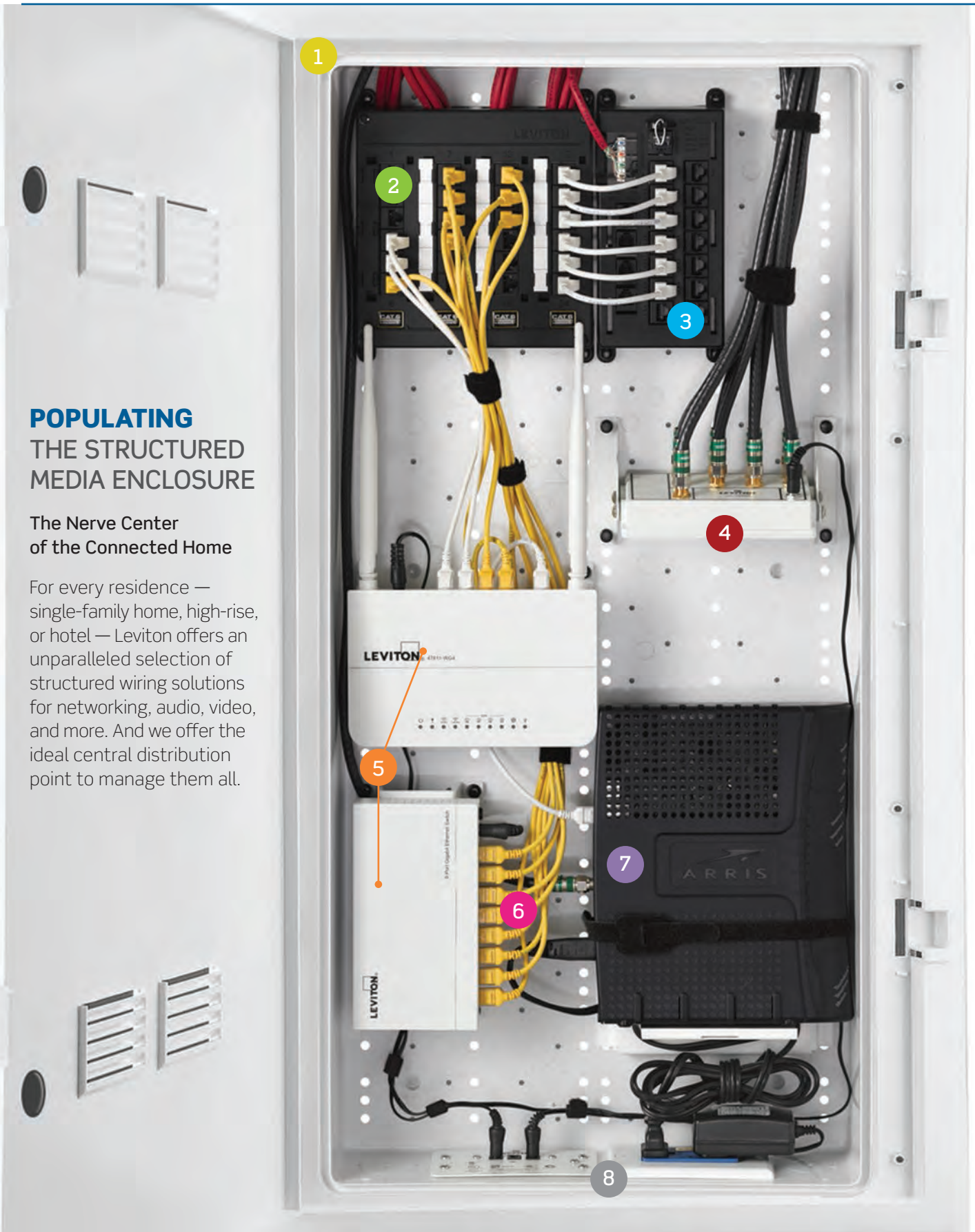
H16 Standard Structured Media Panels

H17 Modules & Expansion Boards

H19 Video Distribution & Splitters

H20 Tools

Find our complete line of residential networking solutions in Leviton's Connected Home catalog. Download online at Leviton.com/connectedhome.



POPULATING THE STRUCTURED MEDIA ENCLOSURE

The Nerve Center of the Connected Home

For every residence — single-family home, high-rise, or hotel — Leviton offers an unparalleled selection of structured wiring solutions for networking, audio, video, and more. And we offer the ideal central distribution point to manage them all.

THE CONNECTED HOME

Get enterprise-grade, best-in-class broadband network performance capability with Leviton Structured Media components. These solutions are engineered to be an integrated system, providing an organized base and simplifying installation from rough-in through line activation. For enclosure configuration assistance, go to Leviton.com/homeconfig.

1	**Structured Media Enclosures**	These versatile enclosures allow you to manage and distribute a full range of voice, data networking, audio, and video wiring from one central location. We have enclosure solutions for every construction type: wood, steel frame, concrete, and cinder block construction, and an RF Transparent Enclosure for expanding the reach of a wireless network.
2	**Data Patching and Distribution**	Leviton offers durable Cat 6 and 5e panels and modules for data cable distribution. The high-end Twist & Mount Panel makes installation simple and provides easy access for moves, additions, or changes in the home network.
3	**Telephone Patching and Distribution**	Choose from a wide selection of telephone distribution boards, modules, or panels for telephone and security systems. Our Telephone Input Distribution Panel (TIDP) supports inputs for use with "triple play" modems and complements the look and simplicity of our Twist & Mount Patch Panels.
4	**Premium and Passive CATV Splitters**	Distribute the incoming RF signal to locations throughout a home via coaxial cable using Leviton passive CATV splitters, or use Premium splitters to optimize the performance of digital cable signals to handle HDTV.
5	**Wireless Routers and Switches**	Leviton offers a complete Gigabit solution with high-speed routers and switches. Create a Local Area Network (LAN) in the home or office to network PCs, printers, and other connected devices. Integrate with the Leviton Wireless Router for maximum speeds on wired and portable devices.
6	**Ultra High-Flex Patch Cords**	Ultra High-Flex Patch Cords allow for tighter radius connections and a cleaner finished appearance inside a dressed Structured Media Enclosure.
7	**ISP Modem (provided by service provider)**	The modem converts DSL, cable, or fiber optic signals for Internet access for triple-play service or pure data connections.
8	**Integrated Power Supply**	Structured cabling systems rely on active gear that requires low-voltage power and surge protection. Leviton offers power supplies with extra plugs that eliminate the need for bulky power adapters within enclosures.

Leviton Structured Media Enclosures provide a convenient termination location for wiring home runs from wall outlets, creating a distribution point for voice, data, audio, and video applications. Available in compact, 14-, 21-, 28-, and 42-inch sizes to address a broad range of capacities for single-family homes, MDUs, and light commercial applications, Leviton Structured Media Enclosures support new and retrofit installations.

STRUCTURED MEDIA ENCLOSURES, COVERS & DOORS

- Enclosures are constructed of white, powder-coated 20-gauge steel
- Covers and doors are constructed of white powder-coated 18-gauge steel, and feature ¾-inch overlap to hide irregular drywall cuts
- Modules mount vertically or horizontally
- Multiple knock-outs on top and bottom facilitate cable entry and routing
- Knockout in base of enclosure accommodates single- and double-gang J-boxes and power modules
- Six 3-inch self-healing foam grommets included to accommodate and protect cable bundles
- Can be surface mounted or recessed
- Mounting tabs on housing sidewalls prevent enclosure from falling through the studs during installation
- Combine two or more enclosures for larger installations or future expansion
- Optional lock and key set available for additional security
- Standards compliance: ACA and cULus Listed:

  ANSI/UL 1863 – Communication Circuit Accessories

  ANSI/UL 985 – Household Fire-Warning System Units

  ANSI/UL 1023 – Household Burglar-Alarm System Units

14" & 21" ENCLOSURES, COVERS & DOORS

- Entry-level home network enclosures create a central distribution point for low-voltage cabling
- Ideal for apartments, condos, and smaller homes
- 14" enclosure accommodates basic residential networking systems and accessories
- 21" enclosure provides additional room for larger modules and equipment

COMPACT STRUCTURED MEDIA MDU ENCLOSURES

- Economical solution for MDU connectivity
- Flexibility to accommodate a variety of telephone/video distribution configurations
- Snap-on cover requires no tools or fasteners
- Molded-in brackets provide quick snap-in convenience for expansion boards
- Angled video-splitter shelf for easy installation
- Hosts three expansion boards and one TV splitter
- Constructed of sturdy white ABS molded plastic

	DESCRIPTION	PART NO.
14" STRUCTURED MEDIA ENCLOSURES, COVERS & DOORS		
	14" Enclosure and Flush-Mount Cover, 15.32" (389.1 mm) H x 15.62" (396.7 mm) W x 3.83" (97.3 mm) D	47605-140
[A]	14" Enclosure, 14.0" (355.6 mm) H x 14.38" (365.3 mm) W x 3.63" (92.2 mm) D	47605-14E
	14" Multi-Dwelling Unit Configuration A, Enclosure and Flush-Mount Cover, 15.32" (389.1 mm) H x 15.62" (396.7 mm) W x 3.83" (97.3 mm) D (see page H8 for knock-out configurations)	47605-1MG
[B]	14" Flush-Mount Cover, 15.32" (389.1 mm) H x 15.62" (396.7 mm) W x 0.20" (5.1 mm) D	47605-14C
[C]	14" Economy Hinged Door, 15.32" (389.1 mm) H x 15.62" (396.7 mm) W x 0.25" (6.4 mm) D	47605-14D
	14" Premium Vented Hinged Door, 15.32" (389.1 mm) H x 15.62" (396.7 mm) W x 0.25" (6.4 mm) D	47605-14S
	14" Enclosure, job packed, 6 per pack, 14.0" (355.6 mm) H x 14.38" (365.3 mm) W x 3.63" (92.2 mm) D	47605-14G
	14" Flush-Mount Cover, job packed, 6 per pack, 15.32" (389.1 mm) H x 15.62" (396.7 mm) W x 0.20" (5.1 mm) D	47605-14B
	14" Ceiling-Mount Kit, .75" (19 mm) H x 23.68" (601.5 mm) W x 23.68" (601.5 mm) D	47612-CMK
	Structured Media Enclosure Lock & Key for 14", 21", 28", and 42" hinged doors	5L000-L0K
21" STRUCTURED MEDIA ENCLOSURES, COVERS & DOORS		
[D]	21" Enclosure, 21.0" (533.4 mm) H x 14.38" (365.3 mm) W x 3.63" (92.2 mm) D	47605-21E
[E]	21" Flush-Mount Cover, 22.35" (567.7 mm) H x 15.62" (396.7 mm) W x 0.20" (5.1 mm) D	47605-21C
[F]	21" Premium Vented Hinged Door, 22.35" (567.7 mm) H x 15.62" (396.7 mm) W x 0.25" (6.4 mm) D	47605-21S
	Structured Media Enclosure Lock & Key for 14", 21", 28", and 42" hinged doors	5L000-L0K
COMPACT STRUCTURED MEDIA MDU ENCLOSURES		
[G]	Compact Structured Media Enclosure and Cover, empty, 8.02" (203.7 mm) H x 14.38" (365.2 mm) W x 3.71" (94.2 mm) D	47605-MDU
	Compact Structured Media Enclosure Cover only, 15.375" (390.5 mm) H x 9" (228.6 mm) W x .5" (12.7 mm) D	47605-MDC
[H]	MDU Kit (Compact Structured Media Enclosure and Cover plus 1x6 Telephone Expansion Board), 8.02" (203.7 mm) H x 14.38" (365.2 mm) W x 3.71" (94.2 mm) D	47604-0F6
[I]	MDU Kit (Compact Structured Media Enclosure and Cover plus 1x6 Telephone Expansion Board and 6-Way 1 GHz Splitter), 8.02" (203.7 mm) H x 14.38" (365.2 mm) W x 3.71" (94.2 mm) D	47604-F6S

A

B

C

D

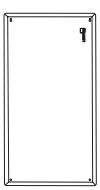
E

F

28" & 42" ENCLOSURES, COVERS & DOORS

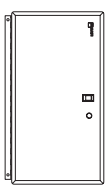
- Command central for virtually all technology, including networking, DSL, cable Internet modem, satellite video, security, VoIP, fax, telephone, intercom, and audio
- Available in MDU and mixed-use configurations
- 28" enclosure accommodates up to 8 distribution modules
- 42" enclosure accommodates up to 12 distribution modules

SPOTLIGHT Choosing Your Structured Media Enclosure Cover or Door



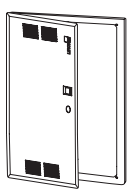
Flush-Mount Cover

Screws directly to enclosure frame.



Economy Hinged Door

Hinged flange attaches to left or right side of enclosure.



Premium Vented Hinged Door

Full-frame design. Ventilated door hinges from left or right.

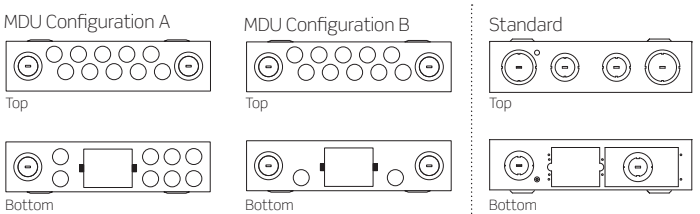
28" STRUCTURED MEDIA ENCLOSURES, COVERS & DOORS

	DESCRIPTION	PART NO.
	28" Enclosure and Flush-Mount Cover, 29.32" (744.7 mm) H x 15.62" (396.7 mm) W x 3.83" (97.3 mm) D	47605-28W
[A]	28" Enclosure, 28.0" (711.2 mm) H x 14.38" (365.3 mm) W x 3.63" (92.2 mm) D	47605-28N
	28" Multi-Dwelling Unit Configuration A, Enclosure and Flush-Mount Cover, 29.32" (744.7 mm) H x 15.62" (396.7 mm) W x 3.83" (97.3 mm) D*	47605-2MG
	28" Multi-Dwelling Unit Configuration B, Enclosure only, 28.0" (711. 2 mm) H x 14.38" (365.3 mm) W x 3.63" (92.2 mm) D*	47605-M28
	28" Flush-Mount Cover, 29.32" (744.7 mm) H x 15.62" (396.7 mm) W x 0.20" (5.1 mm) D	47605-F28
	28" Economy Hinged Door, 29.32" (744.7 mm) H x 15.62" (396.7 mm) W x 0.25" (6.4 mm) D	47605-28D
	28" Premium Hinged Door, 29.32" (744.7 mm) H x 15.62" (396.7 mm) W x 0.25" (6.4 mm) D	47605-28P
[B]	28" Premium Vented Hinged Door, 29.32" (744.7 mm) H x 15.62" (396.7 mm) W x 0.25" (6.4 mm) D	47605-28S
	28" Enclosure, job packed, 3 per pack, 28.0" (711.2 mm) H x 14.38" (365.3 mm) W x 3.63" (92.2 mm) D	47605-28G
	28" Flush-Mount Cover only, job packed, 3 per pack, 29.32" (744.7 mm) H x 15.62" (396.7 mm) W x 0.20" (5.1 mm) D	47605-28B
[C]	28" Pre-Fab Back Plate, 25" (635.0 mm) H x 13.5" (342.9 mm) W x 0.38" (9.65 mm) D	47605-2BP
[G]	Extender Bracket, 2" depth extension package for 28" Structured Media Enclosures**	47612-28B
	Structured Media Enclosure Lock & Key for 14", 21", 28", and 42" hinged doors	5L000-L0K

42" STRUCTURED MEDIA ENCLOSURES, COVERS & DOORS

	42" Enclosure and Flush-Mount Cover, 43.32" (1,100.3 mm) H x 15.62" (396.7 mm) W x 3.83" (97.3 mm) D	47605-42W
[D]	42" Enclosure, 42.16" (1,070.8 mm) H x 14.38" (365.3 mm) W x 3.63" (92.2 mm) D	47605-42N
	42" Multi-Dwelling Unit Configuration A, Enclosure and Flush-Mount Cover, 43.32" (1,100.3 mm) H x 15.62" (396.7 mm) W x 3.83" (97.3 mm) D*	47605-4MG
	42" Multi-Dwelling Unit Configuration B, Enclosure only, 42.16" (1,070.8 mm) H x 14.38" (365.3 mm) W x 3.63" (92.2 mm) D*	47605-M42
[E]	42" Flush-Mount Cover, 43.32" (1,100.3 mm) H x 15.62" (396.7 mm) W x 0.20" (5.1 mm) D	47605-F42
	42" Economy Hinged Door, 43.32" (1,100.3 mm) H x 15.62" (396.7 mm) W x 0.25" (6.4 mm) D	47605-42D
[F]	42" Premium Vented Hinged Door, 43.32" (1,100.3 mm) H x 15.62" (396.7 mm) W x 0.25" (6.4 mm) D	47605-42S
	42" Pre-Fab Back Plate, 40.0" (1,016.0 mm) H x 13.5" (342.9 mm) W x 0.38" (9.65 mm) D	47605-4BP
[G]	Extender Bracket, 2" depth extension package for 42" Structured Media Enclosures**	47612-42B
	Structured Media Enclosure Lock & Key for 14", 21", 28", and 42" hinged doors	5L000-L0K

*STRUCTURED MEDIA ENCLOSURE END CAPS



Knock-out sizes support 1" and 2" commercial conduit.

Leviton Extender Brackets provide an additional 2 inches of depth and enhanced ventilation for active gear within Leviton 28" and 48" Structured Media Enclosures. The brackets attach between the enclosure and the cover to form a 2-inch deep, vented frame. The increased depth also allows space for better cable management and for larger modules, such as audio amplifiers, to be mounted within the Structured Media Enclosure.

**Extender Bracket (enclosure sold separately)

G

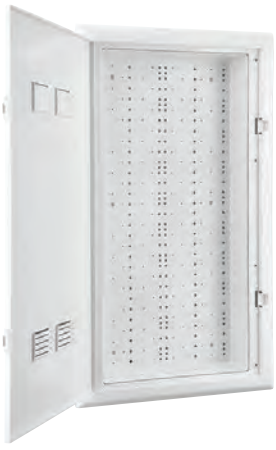
A

B

CONCRETE-MOUNTABLE STRUCTURED MEDIA ENCLOSURES

- Designed to withstand added weight during concrete pouring
- Moisture-resistant powder coating binds with treated steel to provide multiple levels of corrosion protection and durability
- Knockouts on the top and bottom support conduit up to 1.5 inches in diameter and facilitate cable routing and entry
- Power knock-out located on side panel for increased vertical cable routing capacity
- Optional duplex receptacle power box constructed using same steel as enclosures for protection of electrical wiring components
- Flush-mount covers and doors overlap ¾ of an inch to hide uneven concrete/mortar finishing (sold separately)
- Durable powder coating withstands ⅛-inch dent test (per ASTM D 522-93A standard) and minimizes scratching, cracking, or peeling during shipping or installation
- Use with standard covers or doors (See pages H5-H8.)

CONCRETE-MOUNTABLE STRUCTURED MEDIA ENCLOSURES		
DESCRIPTION		PART NO.
	Concrete-Mountable Structured Media Enclosure, 21"	48605-21E
[A]	Concrete-Mountable Structured Media Enclosure, 28"	48605-28E
	Concrete-Mountable Structured Media Enclosure, 42"	48605-42E
[B]	Concrete-Mountable Structured Media Duplex Receptacle Power Box	48605-2GP



C

RF TRANSPARENT WIRELESS STRUCTURED MEDIA ENCLOSURE

- Expands the reach of wireless signals by diminishing the effect of interference with the ABS polymer construction
- Improves system access with a 180-degree hinged cover, allowing for quick and easy access to network equipment
- Makes servicing and expansion easy with twelve 1-inch entry/exit ports and additional ¼-inch knock-outs and conduit adapters
- Compatible with most Structured Media patch panels, voice, data, video, and audio quick-connect distribution modules
- Ensures safety with UL Compliant, ABS flame-retardant polymer
- Vented doors allow for better airflow and cooling of active equipment
- Accepts Structured Media Enclosure Lock & Key Set

RF TRANSPARENT STRUCTURED MEDIA ENCLOSURE		
DESCRIPTION		PART NO.
[C]	RF Transparent Wireless Structured Media Enclosure with Vented Hinged Door, 30"	49605-30W

This integrated network system delivers a seamless experience that combines the wired performance of Gigabit Ethernet with the mobile-ready convenience of Wi-Fi® networking inside an innovative RF Transparent Structure Media enclosure.

47611-WG4

A

B C

FTTH POINT OF ENTRY BOX

- Provides convenient staging for terminating incoming fiber from service provider
- Can mount inside the Structured Media® enclosure or as a stand-alone unit on a wall
- Includes magnet for easy installation and place adjustments
- Includes an SC/APC adapter with two dust caps and two splice sleeves
- Made of ABS plastic

MULTI-BAY FTTH ENCLOSURES

Multi-Bay Enclosures provide excellent termination and mounting locations for both in-home structured wiring and fiber-to-the-home (FTTH) components. Structured wiring components typically mount in the upper section of the dual enclosure and optical network termination (ONT) mounts in the lower section. The dual enclosure can be surface mounted or mounted between metal or wood wall studs using provided screws.

- Allow separate lockable sections for FTTH integration
- In a separate bay, a full Leviton structured wiring system can be easily connected and optimized up to gigabit speeds to maximize incoming fiber optic connection
- Ideal for new installations or retrofits
- Use multiple covers or doors to provide access and security
- Flush-mount cover, economy-, and premium-vented doors available

	DESCRIPTION	PART NO.
FIBER-TO-THE-HOME SOLUTION		
[A]	FTTH Point of Entry Box, 3.94" (100 mm) H x 3.15" (80 mm) W x .84" (21 mm) D△	FTH00-00W
MULTI-BAY ENCLOSURES		
	14" + 14" Dual Multi-Bay Enclosure, 29.64" (752.8 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D	47FTH-440
[B]	28" + 14" Dual Multi-Bay Enclosure, 46.64" (1,184.6 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D△	47FTH-840
	28" + 14" + 14" Triple Multi-Bay Enclosure, 59.22" (1,504.1 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D	47FTH-844
	42" + 14" Dual Multi-Bay Enclosure, 57.64" (1,464.1 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D	47FTH-420
	14" + 14" + 14" Triple Multi-Bay Enclosure, 45.22" (1,148 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D△	47FTH-240
[C]	28" + 28" Dual Multi-Bay Enclosure, 57.64" (1,464.1 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D	47FTH-880

Note: See pages H5-H8 for covers and doors. △ = Minimum order quantity and lead times may apply.

A

B

C

D

GIGABIT ROUTER

- Compliant with IEEE 802.11a/b/g/n dual band (2.4 GHz & 5 GHz simultaneously) wireless technology capable up to 300+300 Mbps data rate
- Advanced security: 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK (TKIP/AES encryption)
- Supports Wi-Fi® Protected setup (WPS), NAT firewall, IP/port/URL-based access control, and MAC address filtering
- Includes Gigabit RJ-45 ports (10/100/1000 Mbps) of 1 WAN and 4 LAN ports
- Supports dual-SSID to access different networks through a single AP
- Supports NTP, Virtual Server, UPnP, and DMZ for various networking applications
- Includes USB port for sharing printers and USB mass storages

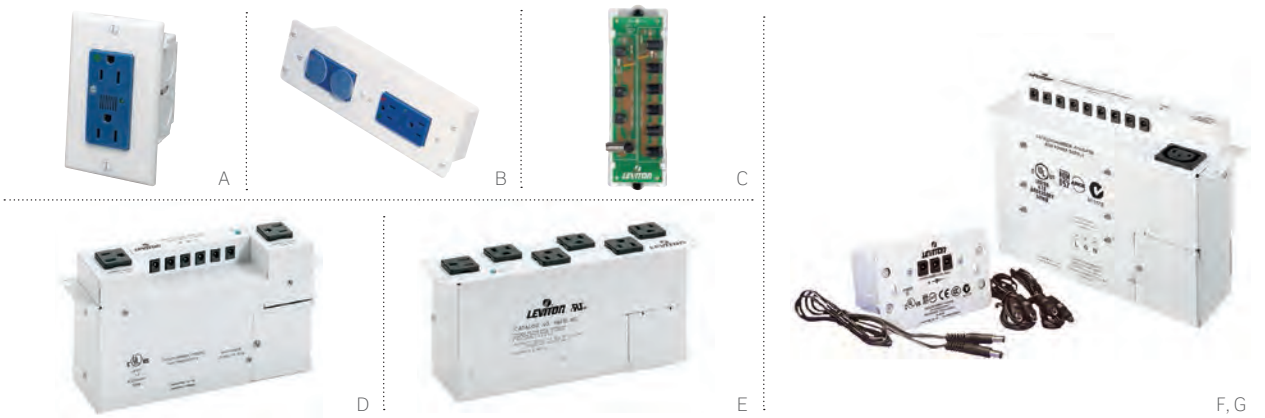
GIGABIT ETHERNET SWITCHES

- 10/100/1000 Mbps data transfer rate
- Power button arrows for easy power down
- LEDs indicate power; LINK/Activity; and 10, 100, or 1000 Mbps
- Auto detect uplink to easily cascade additional hubs, switches, and routers from any port
- Features high-performance, store-and-forward switching architecture with CRC

100 MBPS ETHERNET SWITCHES

- 10/100 Mbps data transfer rate
- Network additional PCs, printers, and other peripherals beyond router capacity
- Connects to many home office Ethernet devices
- Available in five- and eight-port versions

DATA NETWORKING ROUTERS & SWITCHES		
	DESCRIPTION	PART NO.
[A]	Gigabit 4-Port Router and 300 Mbps Dual-Band Wi-Fi, 6.76" (171.61 mm) H x 4.38" (111.16 mm) W x 1.01" (25.47 mm) D	47611-WG4
[B]	100 Mbps 5-Port Ethernet Switch, 2.52" (64 mm) H x 6.50" (165.1 mm) W x 3.54" (89.9 mm) D	47611-5PT
[C]	100 Mbps 8-Port Ethernet Switch, 2.52" (64 mm) H x 6.50" (165.1 mm) W x 3.54" (89.9 mm) D	47611-8PT
[D]	Gigabit 8-Port Ethernet Switch, 2.52" (64 mm) H x 6.50" (165.1 mm) W x 3.54" (89.9 mm) D	47611-8GB



SURGE-PROTECTION, STANDARD AC POWER MODULES & J-BOX KITS

- Fit in standard 14"-, 21"-, 28"-, and 42"-Structured Media® Enclosures
- Surge-protected versions provide enhanced protection and EMI/RFI filtering per UL 1449 standard

DC BUS MODULE

- Eliminates need for more than two bulky AC/DC power adapters
- Contains six 12 VDC power outputs at up to 1500 mA total
- Contains three 24 VDC power outputs at up to 1000 mA total, including one F-connector
- Output power cables included for all except 24 VDC F-connector connection

VERSATILE DC POWER SUPPLIES

- 120 VAC, 60 Hz input
- Includes NEMA 5-15 AC receptacles at 15A total
- Eliminates the need for multiple bulky AC/DC power adapters

AC SURGE MODULES

- Includes six surge-protected NEMA 5-15P receptacles
- Allows six AC/DC power adapters to fit easily into Structured Media Enclosures
- Powers routers, switches, modems, volume controls, camera hubs, and other Structured Media mounted devices

UNIVERSAL MINI DC POWER SUPPLIES

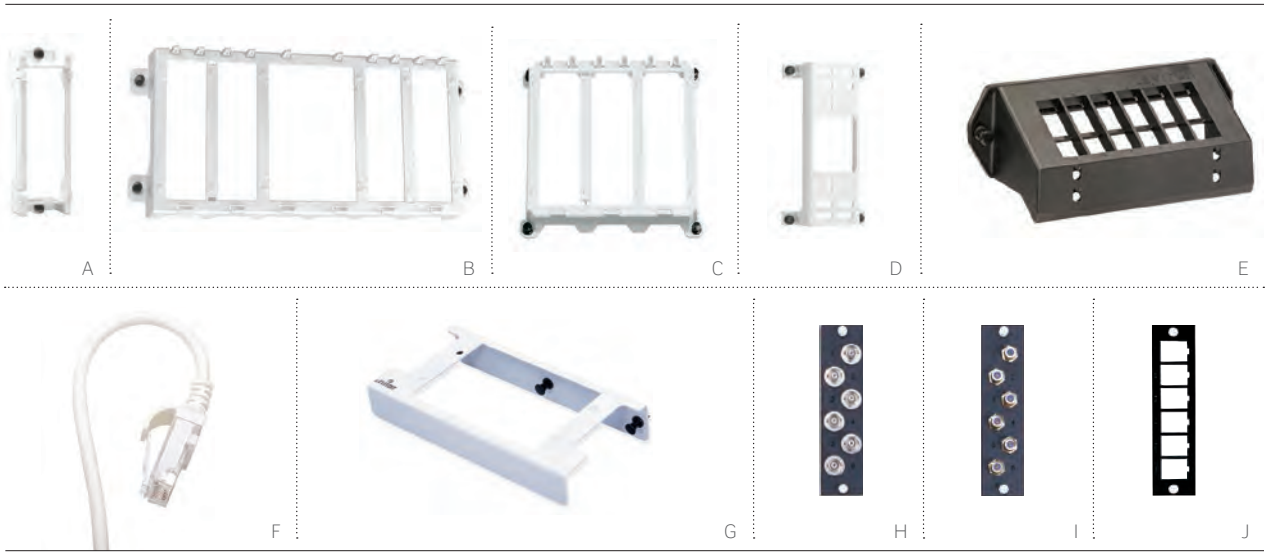
- 90 - 264 VAC, 50/60 Hz input
- Provides three 12 VDC outputs with surge protection at 833 mA total
- Eliminates the need for multiple bulky AC/DC power adapters

UNIVERSAL DC POWER SUPPLIES

- 100 - 240 VAC, 50/60 Hz input
- Provides nine 12 VDC outputs with surge protection at 3.34A total
- Includes one IEC AC power receptacle
- Eliminates the need for multiple bulky AC/DC power adapters

POWER SUPPLIES

	DESCRIPTION	PART NO.
[A]	Surge J-Box Kit, one duplex receptacle, wallplate	47605-ACS
	Non-Surge J-Box Kit, one duplex receptacle, wallplate	47605-ACN
[B]	Surge AC Power Module, two duplex receptacles	47605-0DP
	Non-Surge AC Power Module, two duplex receptacles	47605-NDP
[C]	DC Bus Module, 12 VDC and 24 VDC	48212-124
[D]	Versatile Power Supply, six 12 VDC connectors and two NEMA 15A receptacles	47605-PSC
[E]	AC Surge Module, six receptacles	48212-06S
[F]	Universal Mini DC Power Supply, three 12 VDC connectors	47605-PSB
[G]	Universal DC Power Supply, nine 12 VDC connectors and one IEC AC receptacle	47605-PSA
	IEC TO NEMA 15A Adapter Power Cord, 12" (accessory for 47605-PSA)	48212-IEC



MOUNTING BRACKETS		
DESCRIPTION		PART NO.
[A]	Single Plastic Bracket, for single expansion board, white	47612-SBK
[B]	Standard (12" width) Expansion Plastic Bracket, for up to five expansion boards, white	47612-EBK
	Shelf Plastic Bracket, for up to three expansion boards and CATV splitter, white (compact width)	47612-VSB
[C]	Compact (6" width) Expansion Plastic Bracket, for up to three expansion boards, white	47612-HBK
[D]	Data Plastic Bracket, for mounting routers and switches	47612-DBK
[E]	12-Port QuickPort® Mounting Bracket	47600-QPB

MOUNTING BRACKETS

- Made of sturdy white ABS plastic
- Include push-lock pins
- Snap-in installation in any Leviton 14"-, 21"-, 28"-, or 42"-Structured Media® Enclosure
- Allow for cable management via routing under bracket
- Twelve-port bracket made of black polycarbonate
- Twelve-port bracket accepts all QuickPort® connectors

HOME 5E® PATCH CORDS		
DESCRIPTION		PART NO.
[F]	High-Flex HOME 5e Patch Cord	5HHOM-xx*
	8-Conductor Flat Telephone Patch Cord, 8" long	42400-8FG

xx = Length: 6" (6I), 1' (01), 2' (02), 3' (03), or 4' (04)
* = Colors: Choose from either of the colors below.

White (W) Blue (L)

HOME 5E PATCH CORDS

- Low-profile High-Flex Patch Cords allow tighter radius connections
- Available in five lengths and two colors

MULTIMEDIA ADAPTER BRACKET & MOUNTING PLATES		
DESCRIPTION		PART NO.
[G]	Multimedia Adapter Bracket	47612-MMA
[H]	BNC Mounting Plate, 6-pack, loaded	5F100-BNC
[I]	F-Connector Mounting Plate, 6-pack, loaded	5F100-6VF
[J]	QuickPort Mounting Plate, 6-pack, unloaded	5F100-6QP

MULTIMEDIA ADAPTER BRACKET & MOUNTING PLATES

- Bracket is constructed of white powder-coated steel
- Plates are constructed of black powder-coated steel
- Bracket includes push-lock pins for mounting in Structured Media Enclosures

A

B, C

D

E

F

UNIVERSAL SECURITY & SHELF BRACKETS

- **Universal Shelf Bracket** allows security batteries and other active products to be mounted inside any Structured Media® Enclosure
- **Shelf Bracket** includes four 8-inch long VELCRO®-Brand strips, ensuring vertical and horizontal stability
- **Universal Security Board Mounting Plate** includes four adhesive clips for mounting within any Leviton Structured Media Enclosure
- **Combo Bracket** allows Leviton products to be installed in most non-Leviton structured wiring enclosures
- **Universal Mounting Brackets** allow an unlimited number of upgrades (limited only by enclosure size) to be added to an existing security system terminated within any Leviton Structured Media Enclosure
- **Universal Brackets** are sold in pairs with self-tapping screws and spacers to easily connect the largest number of security alarm manufacturers' panels

UNIVERSAL SECURITY & SHELF BRACKETS		
DESCRIPTION		PART NO.
[A]	Universal Shelf Bracket	47612-UBK
[B]	Compact (6" width) Universal Security Board Mounting Plate	47612-HSB
[C]	Standard (12" width) Universal Security Board Mounting Plate	47612-FSB
[D]	Combo Bracket	47612-CBK
[E]	Compact (6" width) Universal Mounting Bracket	47612-6SB
[F]	Standard (12" width) Universal Mounting Bracket	47612-1SB

A

B

C

D

E

TWIST & MOUNT PATCH PANELS

- Low-profile, high-density, component-rated patching for voice and gigabit ethernet connections
- Feature simple twist- and mount-installation
- Universal T568A and T568B wiring labels ensure compatibility in residential and commercial installations
- Available in 12- and 24-port versions

TELEPHONE INPUT DISTRIBUTION PANELS (TIDP)

- Support four-line telephone distribution
- Offer choice of inputs and outputs: one 4-pair 110-style IDC input, four industry-standard RJ-11 connector inputs, or 12 modular industry-standard RJ-45 connector outputs
- Security jack for interface with security systems
- Test and auxiliary disconnect outlet (ADO) ports for isolation and testing of telephone line connections

TWIST & MOUNT PANELS & TELEPHONE DISTRIBUTION PANELS

	DESCRIPTION	PART NO.
	Twist & Mount Patch Panel – 12 ports each of Cat 6 and Cat 5e (24 ports total)	476TM-654
[A]	Twist & Mount Patch Panel – 24 ports of Cat 6	476TM-624
	Twist & Mount Patch Panel – 24 ports of Cat 5e	476TM-524
	Twist & Mount Patch Panel – 6 ports each of Cat 6 and Cat 5e (12 ports total)	476TM-652
	Twist & Mount Patch Panel – 12 ports of Cat 6	476TM-612
[B]	Twist & Mount Patch Panel – 12 ports of Cat 5e	476TM-512
[C]	Telephone Input Distribution Panel (TIDP)	476TL-T12

PRE-CONFIGURED COMPACT STRUCTURED MEDIA PANELS

- Compact series (six-inch width) pre-configured panels are an ideal solution for basic telephone, data, security interface, and TV distribution in MDUs where space and budget are of primary concern
- Space-saving profile provides four to nine bridged telephone connections, up to four Cat 5e data connections, and up to eight video connections

PRE-CONFIGURED COMPACT STRUCTURED MEDIA PANELS — COMPACT WIDTH (6")

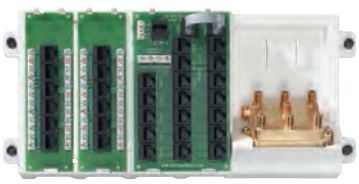
	DESCRIPTION	PART NO.
	1x9 Bridged Telephone and 4-way 1 GHz TV Splitter	47603-1G4
[D]	1x9 Bridged Telephone and 6-way 1 GHz TV Splitter	47603-1G6
	1x9 Bridged Telephone and 8-way 1 GHz TV Splitter	47603-1G8
[E]	1x4 Bridged Telephone, 4 Data, and 6-way 1 GHz TV Splitter	47603-DP6
	1x7 Bridged Telephone, Security Interface, and 6-way 1 GHz TV Splitter	47603-TSV

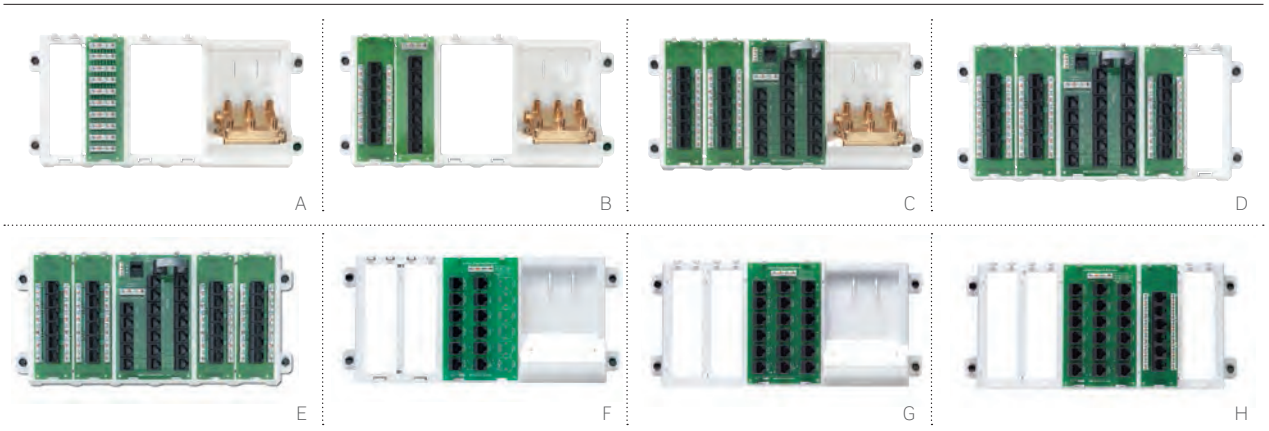
SPOTLIGHT Compact vs. Standard Structured Media Panels

Compact Structured Media Panels offer a space-saving profile is half the size of standard panels, and is ideal when space and budget are a primary concern.

Standard Structured Media Panels combine multiple modules into a simple distribution point, and provide greater versatility when it comes time for customization or expanding.

Compact

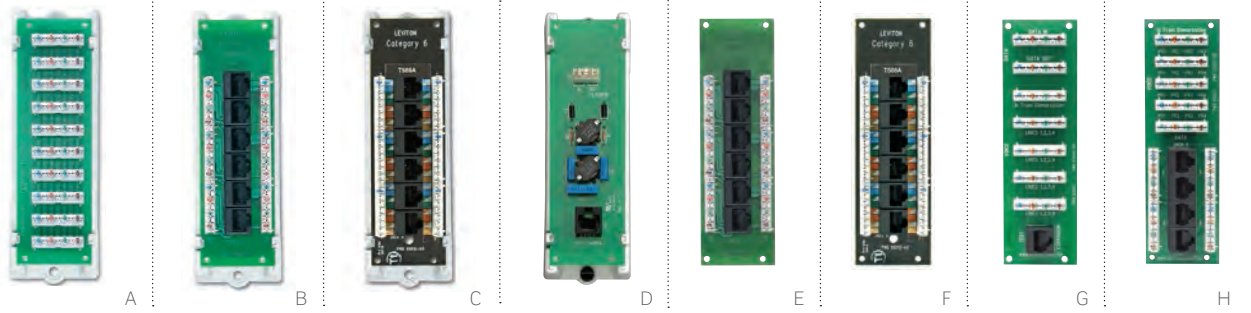

Standard



PRE-CONFIGURED STANDARD STRUCTURED MEDIA PANELS

- Standard series (twelve-inch width) pre-configured panels combine voice, data, and TV modules into a single, simple distribution point
- Several pre-configured options are available with room for customization with additional expansion boards

PRE-CONFIGURED STANDARD STRUCTURED MEDIA PANELS			
DESCRIPTION		FEATURES	PART NO.
[A]	Basic Telephone & Video Panel	- One 1x9 Bridged Telephone Board - One 6-way 2 GHz TV Splitter	47606-BTV
[B]	Basic Home Networking Plus Panel	- One Telephone Patching Board - One Cat 5e Voice & Data Board - Six 4-line telephone connections - One 6-way 2 GHz TV Splitter	47606-BNP
	Advanced Home Telephone & Video Panel	- One Telephone Line Distribution Board - 19 multi-line telephone connections (in various combinations of two or four lines) - One Cat 5e Voice & Data Board - One 6-way 2 GHz TV Splitter	47606-AHT
[C]	Advanced Home Office Panel	- One Telephone Line Distribution Board - 19 multi-line telephone connections (in various combinations of two or four lines) - Two Cat 5e Voice & Data Boards - One 6-way 2 GHz TV Splitter	47606-ASO
	12-Port Structured Media Panel	- One Telephone Line Distribution Board - 19 multi-line telephone connections (in various combinations of two or four lines) - Two Cat 5e Voice & Data Boards	47603-12P
[D]	18-Port Structured Media Panel	- One Telephone Line Distribution Board - 19 multi-line telephone connections (in various combinations of two or four lines) - Three Cat 5e Voice & Data Boards	47603-18P
[E]	24-Port Structured Media Panel	- One Telephone Line Distribution Board - 19 multi-line telephone connections (in various combinations of two or four lines) - Four Cat 5e Voice & Data Boards	47603-24P
[F]	4x12 Telephone Distribution Panel	- One 4x12 Telephone Distribution Board	47603-12M
	4x12 Telephone Distribution Panel with Splitter	- One 4x12 Telephone Distribution Board - One 8-way 2 GHz TV Splitter	47603-412
[G]	4x18 Telephone Distribution Panel	- One 4x18 Telephone Distribution Board	47603-18M
[H]	4x18 Telephone Distribution Panel with Cat 5e Board	- One 4x18 Telephone Distribution Board - One Cat 5e Voice & Data Board	47603-8C1



MODULES

DESCRIPTION		PART NO.
[A]	1x9 Bridged Telephone Module	47689-00B
[B]	Cat 5e Voice & Data Module	47605-C5B
[C]	Cat 6 Voice & Data Module	47611-C6B
[D]	DSL Filter Module	47616-DSF
	Telephone Security Module	47609-TSV

EXPANSION BOARDS

DESCRIPTION		APPLICATION	FEATURES	PART NO.
[E]	Cat 5e Voice and Data Board	Data, Telephone, Fax, Modem	- Patch phone or data connections to six locations - Combine with a TLDM, key system, or network switches - 4-pair 110-type IDC punchdowns - Six Cat 5e RJ-45 ports - Printed circuit board	47603-0C5
[F]	Cat 6 Voice and Data Board	Data, Telephone, Fax, Modem	- ANSI/TIA-568-C channel-rated for gigabit Ethernet - Combine with gigabit Internet router or Ethernet switch 4-pair 110-type IDC punchdowns and six Cat 6 connectors	47611-0C6
[G]	VDSL Board with 1x5 Bridged Phone with Data Passthrough IDCs	Data, Telephone, Modem	- Bridge up to four telephone lines to five locations - Connect up to five separate telephones per line - IDC connectors for Cat 5 or Cat 5e wire - Termination point and passthrough for a data connection via IDCs up to 150 MHz	47609-D5P
[H]	Combo Phone & Data Board with 1x4 Bridged Phone and 4-Port Cat 5e	Data, Telephone	- Provides data and phone connections on a single board - 1x4 phone portion provides four telephone lines to up to four locations via IDC punchdowns - Four ports of Cat 5e 150 MHz data connections via modular RJ-45 connectors and 4-pair 110-type IDC punchdowns	47609-4DP

SPOTLIGHT Panels, Modules, Boards: What's the difference?

Pre-configured Structured Media® Panels include multiple expansion boards combining voice, data, and TV boards into a single distribution point.

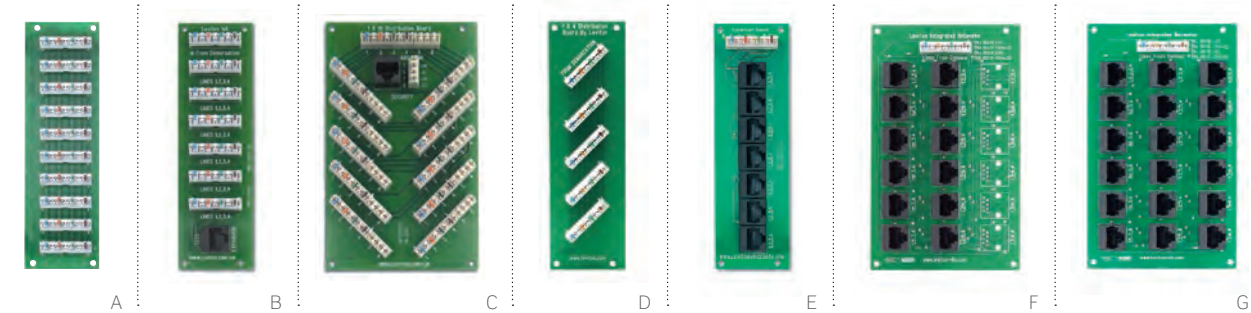
Modules include an expansion board on a single ABS mounting bracket.

Expansion Boards mount in Structured Media Panels or Mounting Brackets (see page H13).

Pre-configured Structured Media Panels

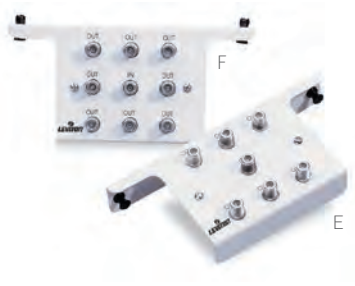
Module

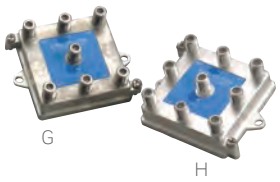
Expansion Board



EXPANSION BOARDS (CONTINUED)

DESCRIPTION		APPLICATION	FEATURES	PART NO.
[A]	1x9 Bridged Telephone Board	Telephone, Fax, Modem	- Bridge up to four telephone lines to nine locations - Connect up to nine separate telephones per line - Printed circuit board - 4-pair 110-type IDC punchdowns	47603-110
[B]	1x6 Bridged Telephone Board	Telephone, Fax, Modem	- Bridge up to four telephone lines to six locations - Connect up to six separate telephones per line - Printed circuit board - IDC connectors for Cat 5 or Cat 5e wire - RJ-45 expansion port	47609-0F6
[C]	1x10 Bridged Telephone Board	Telephone, Fax, Modem	- Bridge up to six telephone lines to 10 locations - Connect up to 10 separate telephones per line - Printed circuit board - IDC connectors for Cat 5 or Cat 5e wire - Security port - Punchdown security interface to accommodate alarm systems	47609-S10
[D]	1x4 Bridged Telephone Board	Telephone, Fax, Modem	- Bridge up to four lines to four locations via IDC punchdowns	47609-004
[E]	Telephone Patching Board/ Expanded 4-line Telephone Distribution	Telephone, Fax, Modem	- Bridge up to four telephone lines to seven locations - Printed circuit board module - One incoming 4-pair 110-type IDC punchdown - Seven outgoing RJ-45 connector connections - Combine with a Cat 5e board to route telephone to remote locations	47609-EMP
	DSL Filter Board	Telephone, Modem	- Filters DSL signal from phone line before distribution throughout home or office - Eliminates need for individual filters at wallplate - Use with any phone distribution module - Printed circuit board module with RJ-45 connector and 110-type punchdown	47616-DSF
	Telephone Line Distribution Board	Telephone, Fax, Modem	- 19 multi-line telephone connections in combinations of two or four lines - Bridge “line 1” service to 12 locations and four-line service to eight locations - Connect to Cat 5e voice & data board(s) or additional panels for more connections and easier moves/adds/changes - Independent RJ-45 connector and punchdown security interface to accommodate alarm systems	47603-TDM
[F]	4x12 Telephone Distribution Board	Telephone, Fax	- Bridge up to four telephone lines to 12 locations	47603-12B
[G]	4x18 Telephone Distribution Board	Telephone, Fax	- Bridge up to four telephone lines to 18 locations	47603-18B





PREMIUM AMPLIFIED CATV/HDTV MODULE

- Splits and/or amplifies signal to one, eight, or sixteen TVs throughout the home
- Bi-directional circuitry supports advanced interactive applications, as well as standard TV and video inputs
- Forward path internal amplifier provides equal input and output level on all ports; reverse path is not affected
- Unity gain eliminates the need to manually adjust attenuation
- HDTV and digital cable-ready SCTE- and DOCSIS-compliant

3X1 PASSIVE COMBINER MODULE

- Digital CATV compatible
- Provides bi-directional signal path to support cable modem or digital cable communications
- F-ports provide up to fifteen psi weather sealing

PASSIVE CATV/HDTV SPLITTERS

- Split signal to six or eight TVs throughout the home
- Provide digital cable, cable TV, and other TV services via coaxial cable
- Lightweight, strong die-cast housing
- HDTV and digital cable-ready; SCTE-compliant
- Available with and without Structured Media® Enclosure mounting bracket

Additional video and home theater solutions located in Section C.

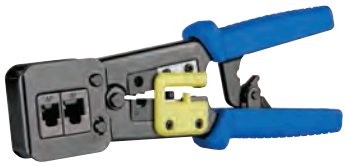
PREMIUM MODULES		
DESCRIPTION		PART NO.
[A]	1x1 Premium Video Module, 1 GHz	47693-01P
[B]	1x8 Premium Video Module, 1 GHz	47693-08P
[C]	1x16 Premium Video Module, 1 GHz	47693-16P
[D]	3x1 Passive Combiner, 1 GHz	47693-31P

PASSIVE SPLITTERS				
DESCRIPTION		WITH BRACKET		WITHOUT BRACKET
1x6 Passive Video Splitter, 2 GHz	**[E]**	47690-6C2	**[G]**	47690-0G6
1x8 Passive Video Splitter, 2 GHz	**[F]**	47690-8C2	**[H]**	47690-0G8

A

B

C



D

EZ-RJ45® Cat 5e Plug, 50/pack

E

F

RESIDENTIAL TOOLS

	DESCRIPTION	PART NO.
[A]	Wire Punchdown / Termination Tool, (blades sold separately)	49553-814
[B]	110 IDC Blade	49553-110
	66-Clip Blade	49553-066
	BIX® Blade	49553-BIX
	Krone® Blade	49553-KRN
	Awl (woodscrew starter punch)	49553-AWL
[C]	Master Compression Tool	40989-CPT
	UTP Stripping Tool	49660-00P
	Coaxial Stripping Tool	C5914-000
[D]	EZ-RJ45 Crimp Tool	40989-ACT

RESIDENTIAL ACCESSORIES

	DESCRIPTION	PART NO.
[E]	EZ-RJ45 Cat 5e Plug, 50/pack	47613-EZC
	EZ-RJ45 Cat 5e Plug Display Pack, 10/pack	47613-EZR
[F]	EZ-RJ45 Cat 6 Plug	47613-EZ6
	Push-Lock Pins for Structured Media Enclosures, 20/pack	47615-NYL
	Reclosable Tie-Wrap, 5" Length, 25/pack	43105-005

SPOTLIGHT A Connected Home Begins with Planning

The number of connected devices in the home has grown significantly over the last few years. Too often, homeowners knowingly accept poor network reliability and quality for the convenience of a wireless system. While wireless technology has improved, the hunger for bandwidth outpaces it. Having a strong structured wiring backbone in an organized central hub is crucial to supporting high-bandwidth demands and optimal wireless performance.

To see the full article detailing how a well-planned structured cabling system can optimize your wireless network, visit: Leviton.com/chbackbone

TECHNICAL INFORMATION

SECTION X CONTENTS

GENERAL INFORMATION	**X3**	Web-Based Resources
	X4	Wiring Standards
	X5	Wire Color Codes & Pin Designations
	X6	USOC Codes
TERMINATION INSTRUCTIONS	**X7**	Copper Connector Termination
	X10	Fiber Connector Termination
	X12	Fan-Out Kit Assembly
SPLICE TRAYS	**X13**	Dimension & Selection Guide
STANDARDS	**X14**	NEMA and IEC Classifications
	X14	Wallplate Materials
	X15	Applications
INDEX	**X16**	Term Index
	X25	Part Number Index

TECHNICAL RESOURCES YOU'LL FIND AT **LEVITON.COM**

To find product information, simply type the product name or part number into the search tool at Leviton.com. You can also find extra technical assistance using the links below, including guides, drawings, videos, and more.

1. **KNOWLEDGEBASE & FORUMS**
   communities.Leviton.com
   At Leviton's Knowledgebase, you can get answers to your technical questions or post your own inquiries. You'll find a unique community hub for Network Solutions as well as Leviton's other business units.

2. **TRAINING VIDEOS**
   Leviton.com/ns/videos & youtube.com/LevitonMfg
   Leviton training videos and animations offer simple step-by-step instructions for installations and terminations.

3. **BIM OBJECTS**
   Leviton.com/bim
   Building Information Modeling (BIM) is an important program for design and project coordination in construction projects. Incorporate Leviton images and added intelligence into infrastructure design drawings with our library of free BIM objects.

4. **VISIO® STENCILS**
   Leviton.com/visio
   Download Microsoft® Visio stencils of Leviton products, including connectors and wallplates, copper and fiber components, residential/MDU products, and cable management solutions.

5. **MANUALS & GUIDES**
   Leviton.com/ns/techlibrary
   Here you'll find helpful material, such as the Patch Panel Selection Guide and popular Cat 6A Reference Guide, as well as installation manuals for Connected Home products.

6. **NETWORK PLANNING TOOLS**
   Leviton.com/homeconfig & Leviton.com/smallbiztool
   Fill out a simple online questionnaire and our technical experts will quickly identify the products that meet the needs of your home or small business network.

7. **MDU INSTALLATION DIAGRAMS**
   Leviton.com/connectedhome
   Find helpful wiring diagrams for multi-room audio and home theater MDU projects.

8. **APPLICATION/TECH NOTES**
   Leviton.com/ns/techlibrary
   Application notes provide extra instruction for using and installing products such as copper trunk cables, and 66 connecting blocks. Tech notes offer a deeper look into the unique technology behind many of our products.

9. **INDEPENDENT TESTING INFORMATION**
   Leviton.com/ns/testresults
   Find independent test results for Leviton products, including Cat 6A component performance, pre-terminated OM3 MTP® System performance, and channel performance of Leviton connectivity paired with qualified cables.

10. **LITERATURE LIBRARY**
    Leviton.com/ns/litlibrary
    Refer to our Lit Library for additional systems and product information, including brochures, case studies, line cards, spec sheets, and an electronic version of this catalog.

11. **SPEC TOOLS**
    Leviton.com/specteam
    Download spec tools for use in bids, design plans, and specification documents at the Spec Team web page, including sample bid spec forms and RFP documents.

12. **CUSTOMIZED PRODUCT SOLUTIONS**
    Leviton.com/configurator
    Configure enclosures, MTP cassettes, and fiber and copper cable assemblies through the Leviton Make-to-Order program.

13. **LIVE CHAT**
    Leviton.com/support
    Get fast, easy help when you need it. Connect with Leviton's technical experts for a quick response and knowledgeable answers to your product and application questions.

14. **EZ-LEARN™**
    Leviton.com/ezlearn
    Acquire the skills and abilities you need to compete in today's dynamic and ever-evolving electrical industry.

T568A OR T568B — WHICH ONE SHOULD YOU CHOOSE?

- If the installation is residential, choose T568A unless other conditions apply (see below).
- If there is pre-existing voice or data wiring (remodel, moves, adds, changes), duplicate the existing wiring scheme on any new connection.
- If project specifications are available, use the specified wiring configuration.
- If components used within the project are internally wired with either T568A or T568B, duplicate this wiring scheme. Leviton residential applications use T568A in all of their circuit boards.

STANDARDS

- TIA-568-C Commercial Building Telecommunications Cabling Standard lists both wiring configurations. T568B is the most prevalent for commercial installations.
- TIA-570-B Residential Telecommunications Cabling Standards recommends T568A.

T568A & T568B WIRING STANDARDS IDC COLOR ASSIGNMENTS

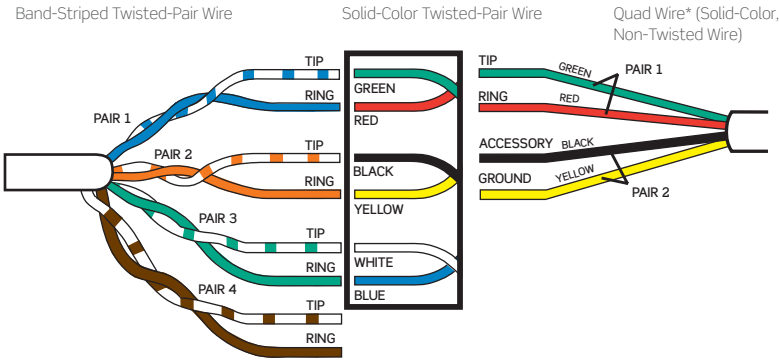
CONNECTOR PIN NUMBER	T568A WIRE COLORS
1	White/Green
2	Green
3	White/Orange
4	Blue
5	White/Blue
6	Orange
7	White/Brown
8	Brown

CONNECTOR PIN NUMBER	T568B WIRE COLORS
1	White/Orange
2	Orange
3	White/Green
4	Blue
5	White/Blue
6	Green
7	White/Brown
8	Brown

For some cables, wires for connector pin numbers 2, 4, 6, and 8 may have a white stripe. This is equivalent to cables with solid wires for the same pin numbers.

WIRING POTS (PLAIN OLD TELEPHONE SERVICE) WIRE TO CATEGORY-RATED WIRE

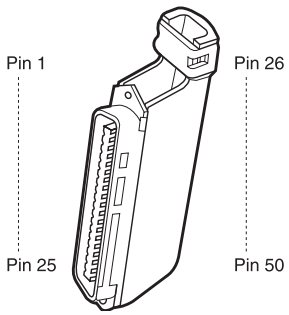
STANDARD 4-PAIR WIRING	
Pair 1	Tip - White/Blue Ring - Blue
Pair 2	Tip - White/Orange Ring - Orange
Pair 3	Tip - White/Green Ring - Green
Pair 4	Tip - White/Brown Ring - Brown

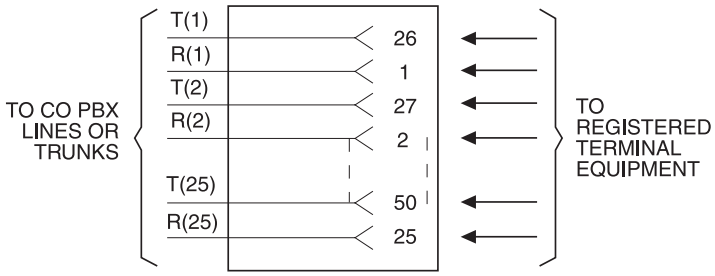


For 6-wire connectors use pair 1, 2, & 3 color codes. For 4-wire connectors use pair 1 & 2 color codes.
For some cables, wire for even connectors pin numbers may have a white stripe. This is equivalent to cables with solid wires for the same pin numbers.

***Caution:** Quad wire is no longer acceptable for installation in multi-line environments. If encountered during a retrofit, quad wire should be replaced with 100 ohm UTP. Connecting new quad to installed quad will only amplify existing problems and limitations associated with quad wire; leaving existing quad in place and connecting 100 ohm UTP to it may also be ineffective, as the quad wire may negate the desired effect of the UTP.

Visit Leviton.com/ns/support for more wiring diagrams and technical information.





WIRE COLOR CODES & PIN DESIGNATIONS

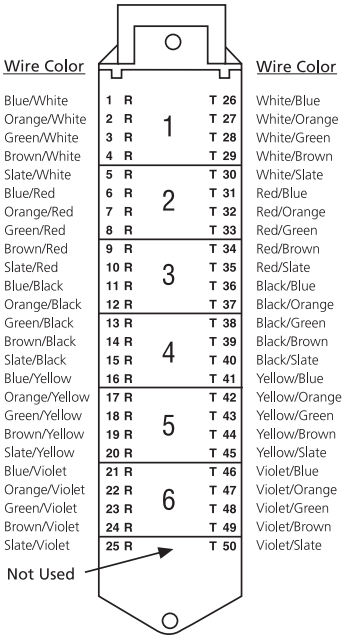
Electrical Network Connection
From 1 to 25 single or multiple-pair circuits bridged to the network or other connected equipment.

Mechanical Arrangement
Circuits are provided on numbered tip and ring positions on a miniature 50-pin ribbon telco connector (Amphenol™-type). Pins 1 (ring) and 26 (tip) are considered position 1. Pins 2 (ring) and 27 (tip) of the ribbon connector are position 2. This pairing continues through 25 pairs.

Typical Usage
Many key and PBX systems specify the RJ-21X, or "Amphenol-type" as the network interface device. Many of these systems also use the RJ-21X as a connector for stations or telephone sets, wired from the KSU or PBX main distribution frame.

Many Leviton connectors can be used for the RJ-21X configuration where intermixing is permitted. Substitution of these special connectors is often both economical and practical. Contact Network Solutions Tech Support for information about versions to meet your requirements.

Sometimes an RJ-11 or RJ-14C can be installed in place of an RJ-21X. While many smaller systems that require only a few lines may show the RJ-21X as the "official" connector required under registration, less complex connectors such as the RJ-11 or RJ-14C can often be specified (perhaps in multiples). If the system requires only a few lines but the RJ-21X is specified on the registration label, under FCC Part 68 you may specify the RJ-11C, RJ-14C, RJ-25C, or RJ-61X instead.



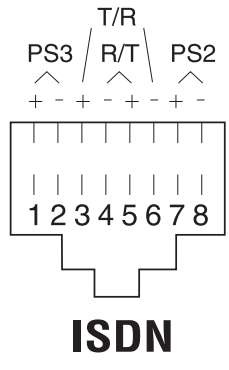
25-Pair Color Coding/ISDN
Contact Assignment RJ-21X

CONTACT ASSIGNMENTS FOR PLUGS AND CONNECTORS

(ISDN Assignment of Contact Numbers as Specified by ISO Document 8877: 1987 (E)

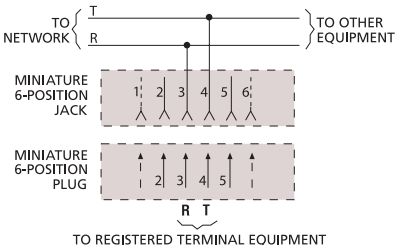
CONTACT NUMBER	TE	NT	POLARITY
1	Power source 3	Power sink 3	+
2	Power source 3	Power sink 3	-
3	Transmit	Receive	+
4	Receive	Transmit	-
5	Receive	Transmit	+
6	Transmit	Receive	-
7	Power sink 2	Power source 2	+
8	Power sink 2	Power source 2	-

For use in TE to TE interconnections, power source/sink 3 shall conform to the requirements specified in CCITT Recommendation 1.430, Section 9.2 for power source/sink 2.

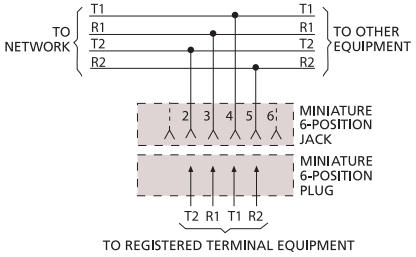


Visit Leviton.com/ns/support for a detailed port-pin configuration chart.

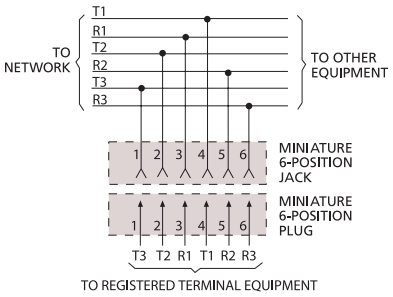
RJ-11C/RJ-11W - 6P2C



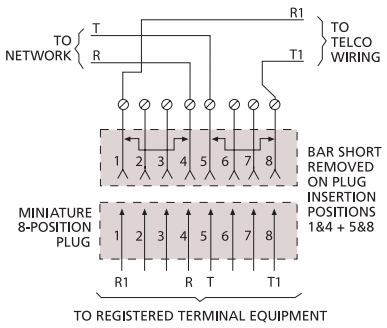
RJ-14C/RJ-14W - 6P4C



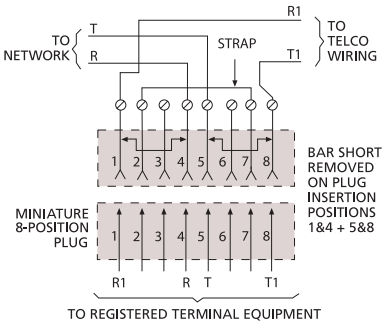
RJ-25C - 6P6C



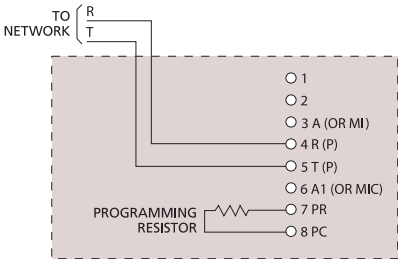
RJ-31X



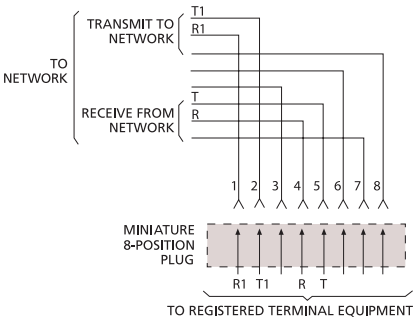
RJ-38X



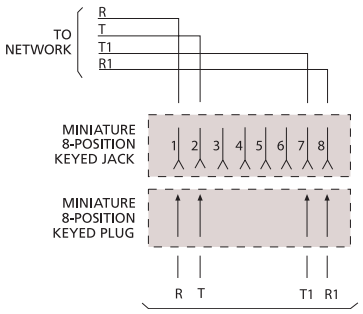
RJ-45S



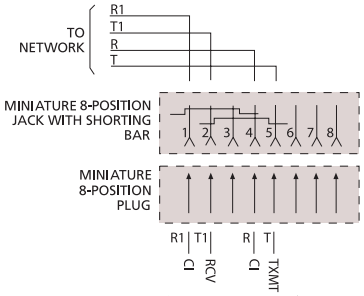
RJ-48C



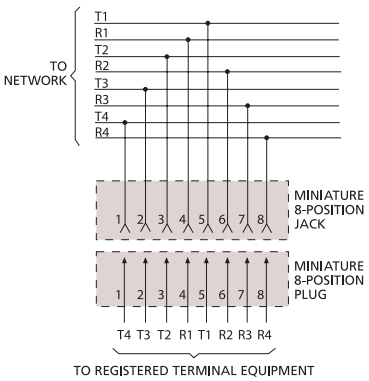
RJ-48S



RJ-48X



RJ-61X



USOC CODES

These Universal Service Order Codes (USOC) for connecting telephone instruments and related equipment to telephone lines are based on Part 68, Subpart F, Section 68.502 of FCC regulations, and as described by the T1E1.3 Working Group on Connectors and Wiring Arrangements.

USOC codes were developed years ago by the Bell operating companies to identify service or equipment under tariff. Information on USOC codes is provided here should you run across these in your work.

Registered RJ Jack numbers end with a letter that indicates the wiring or mounting method. "C" identifies a surface or flush-mounted connector, "W" identifies a wall-mounted connector, "X" identifies a complex multi-line or series-type connector, and "S" identifies a single-line connector.

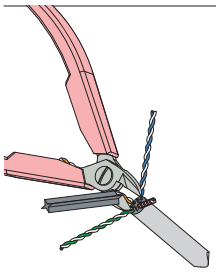


Figure A

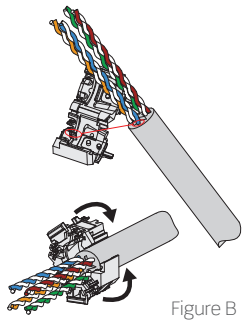


Figure B

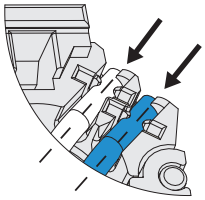


Figure C

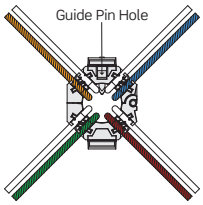


Figure D

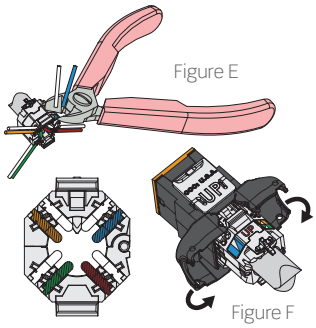


Figure F

ATLAS-X1™ UTP CONNECTOR TERMINATION INSTRUCTIONS

1. Using a cable stripper, remove 1.5 inches of cable jacket. At the strip point of the cable, use flush cutters to carefully remove strip string, Mylar® tape, cross-shaped pair separator, or any other cable fillers or spacers, where applicable. (Figure A)
2. Line up the wire manager with the blue pair indication on the label in line with the blue pair of the cable. Ensure that the end of the cable jacket is at the cable jacket stop inside the wire manager, and click the wire manager closed (Figure B).
3. Observing pair polarity and T568A or T568B wiring pattern, seat the four pairs into the wire manager. Note: Pairs must be completely and securely seated into wire manager wire channels (Figure C).
4. Check polarity by making sure the white wire of each pair will be closest to the guide pinhole in the face of the wire managers (Figure D).
5. Using a flush cutter, trim all pairs flush with sides of wire manager. Note: Wire ends must be cut flush: use of snips or side cutter is not recommended and may cause test failures (Figure E).
6. Align the prepared wire manager with the rear of the connector, matching "UP" on the wiring label to "UP" molded into the connector retaining tab (Figure F). Close connector doors to complete the termination. To rewire, depress the connector door-release tabs simultaneously.

T568A & T568B WIRING STANDARDS IDC COLOR ASSIGNMENTS

PIN #	T568A WIRE COLORS	T568B WIRE COLORS
1	White/Green	White/Orange
2	Green	Orange
3	White/Orange	White/Green
4	Blue	Blue
5	White/Blue	White/Blue
6	Orange	Green
7	White/Brown	White/Brown
8	Brown	Brown

To help determine whether to use T568A or T568B, see page X4.

Note: Icons may be removed from the front of the connector by inserting the end of a paper clip into the icon release hole and gently prying outward.

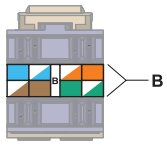


Figure A

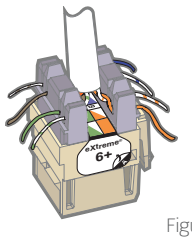


Figure B

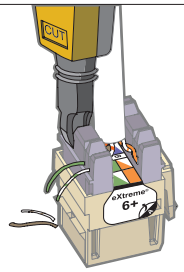


Figure C

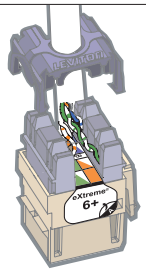


Figure D

EXTREME® CAT 6A/6/5E CONNECTOR TERMINATION INSTRUCTIONS

1. Remove about 3 inches of cable jacket and center spline (stiff "t"-shaped plastic separator inside cable).
2. Determine which wiring scheme to use, T568A or T568B. (See chart on page X4.) Note the associated color codes and connector pin numbers on the label located between the IDC connector slots (Figure A). Peel back label for T568A wiring.
3. Leave the cable jacket within 1/8" of the connector side, then route the wires for termination using the selected wiring scheme (Figure B). **Route cable perpendicular to the IDC field. Ensure there is enough slack in the twisted pairs, and do not place the cable jacket into the termination field.**
4. Use your fingers to carefully seat the wires into the IDC slots. Set a 110-style impact tool to low impact and position it perpendicular to the connector. **Maintain wire-pair twisting to within less than 1/2" of the IDC contact;** then, seat and trim the cable one pair at a time to prevent crushing the inside pairs (Figure C).
5. Place the dust cap over the terminated wires for secure connection (Figure D).

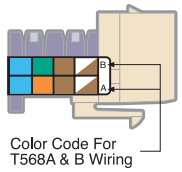


Figure A

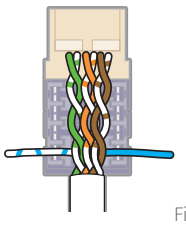


Figure B

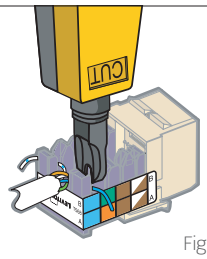


Figure C

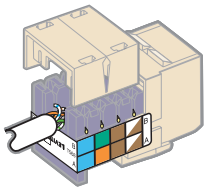


Figure D

GIGAMAX® CAT 5E CONNECTOR TERMINATION INSTRUCTIONS

1. Remove about 3 inches of jacket from the cable to expose the wires.
2. Determine which wiring scheme to use, T568A or T568B. Note the associated color codes and connector pin numbers as labeled on the sides of the connector (Figure A).
3. Route the wires for termination according to the chosen color code. Place the cutting side of the tool on the outside to trim the excess wire flush with the connector body as you punch the wires down (Figure B). Terminate and trim one pair at a time, starting from the rear of the connector (Figure C). Terminating each pair after placement will prevent crushing the inside pairs with the punchdown tool. **Maintain cable jacket as close to termination as possible.**
4. Place the dust cap over the terminated wires to ensure a secure connection and added strain relief (Figure D).
5. Noting the "UP" orientation of the connector, insert the terminated connector into the desired QuickPort® housing.

T568A & T568B WIRING STANDARDS IDC COLOR ASSIGNMENTS

PIN #	T568A WIRE COLORS	T568B WIRE COLORS
1	White/Green	White/Orange
2	Green	Orange
3	White/Orange	White/Green
4	Blue	Blue
5	White/Blue	White/Blue
6	Orange	Green
7	White/Brown	White/Brown
8	Brown	Brown

To help determine whether to use T568A or T568B, see page X4.

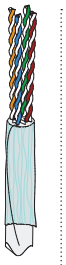


Figure A

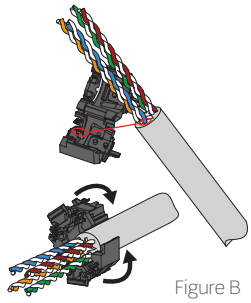


Figure B

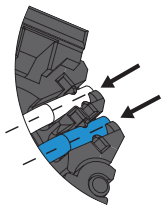


Figure C

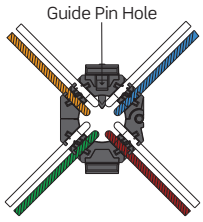


Figure D

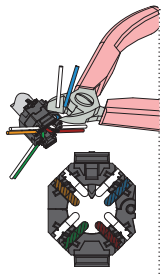


Figure E

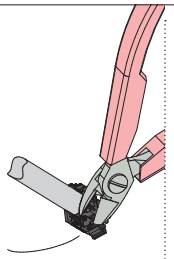


Figure F

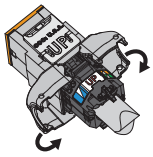
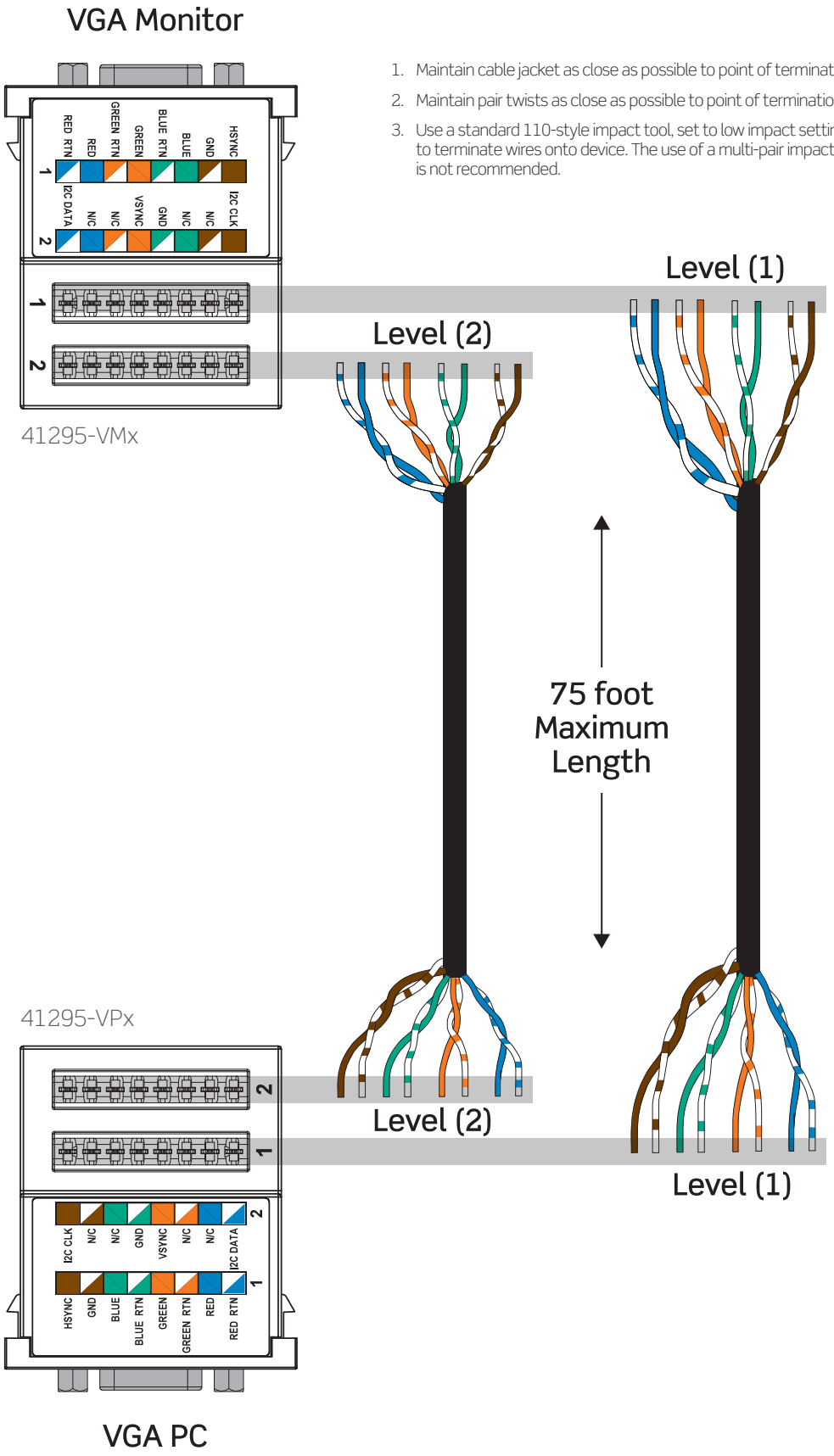


Figure G

ATLAS-X1™ CAT 6A/6/5E SHIELDED CONNECTOR TERMINATION INSTRUCTIONS

1. Using an appropriate cable stripper, remove about 1.5 inches of cable jacket. Inspect shield foil and pairs to ensure no foil or insulation damage.
2. At the strip point of the cable, use flush cutters to carefully remove strip string, if one is present. Spare back the foil metal side outward. Spare back the drain wire (Figure A). Use flush cutters to remove mylar® tape, cross-shaped pair separator, or any other cable fillers or spacers.
3. Line up the wire manager with the blue pair indication on the label in line with the blue pair of the cable. Ensure that the end of the cable jacket is at the cable jacket stop inside the wire manager, and click the wire manager closed (Figure B).
4. Observing pair polarity and T568A or T568B wiring pattern, seat the four pairs into the wire manager. Note: Pairs must be completely and securely seated into wire manager wire channels (Figure C).
5. Check polarity by making sure the white wire of each pair will be closest to the guide pinhole in the face of the wire managers (Figure D).
6. Using a flush cutter, trim all pairs flush with sides of wire manager. Note: Wire ends must be cut flush: use of snips or side cutter is not recommended and may cause test failures (Figure E).
7. Pull drain wire into drain wire capture notch and trim flush with flush cutter. Use flush cutter to nick edge of foil, and tear foil off flush with rear of wire manager (Figure F).
8. Align the prepared wire manager with the rear of the connector, matching "UP" on the wiring label to "UP" molded into the connector retaining tab (Figure G). Close connector doors to complete the termination. To rewire, depress the connector door-release tabs simultaneously.

For T568A & T568B Wiring Standards IDC Color Assignments, see the Atlas-X1 UTP Terminations Instructions on page X7.



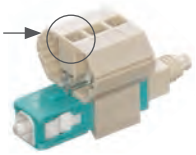
1. Maintain cable jacket as close as possible to point of termination.
2. Maintain pair twists as close as possible to point of termination.
3. Use a standard 110-style impact tool, set to low impact setting, to terminate wires onto device. The use of a multi-pair impact tool is not recommended.

FastCAM Wedge Clip

Step 1: Squeeze each side to release the wedge clips

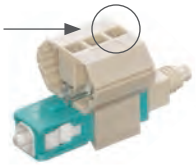
Window #1

Step 2: Squeeze directly over window #1 to engage the wedge clip



Window #2

Step 3: Repeat step 2 directly over window #2 to engage the wedge clip



FASTCAM SC, ST, & LC TERMINATION INSTRUCTIONS

Before beginning termination, identify the components of your connector tool kit. (See page B73- B74 for options.) To ensure the FastCAM connector is prepared for termination, remove and reinstall the wedge clip and then press down on the clip at the ferrule side (first click) and then press down on the fiber insertion side (second click). See our install video at Leviton.com/ns/videos.

FIBER TERMINATION – 250 µm

Tools required: Cleaver* and a fiber stripper. (See pg. B74)

1. Slide the protective tubing, 900 µm boot, and 250 µm protective tube (in order) onto the fiber.
2. Strip the fiber to a length of 40 mm by removing 10 mm at a time.
3. Clean the stripped fiber with an alcohol wipe to remove any debris. Check the fiber integrity by bending the stripped end slightly to 60˚.
4. Set fiber onto cleaver such that 250 µm coating edge is at 10.5 mm position and cleave.
5. Wedge clips are engaged at shipment. If they have become dislodged, squeeze the top and bottom of the wedge clip, ensuring it is inserted in the connector body. A click will be heard for each wedge.
6. Slide the 250 µm protective tubing towards the end 250 µm coating.
7. Insert cleaved fiber into rear of connector until connection is made. Make a slight bend in the fiber to maintain connection.
8. OPTIONAL: Use the Visual Fault Locator (VFL) as an aid to determine that the cleaved fiber and stubbed fiber are connected properly.

8A. Remove the dust cap and insert connector into VFL. Turn VFL power on: look for red glow in Position 1 of the wedge clip.

8B. Insert cleaved fiber into rear of connector until the red glow dims in Position 1 of the wedge clip. Make a bend in fiber to maintain connection.

9. Maintaining a slight force on the fiber, release the wedge clip by squeezing both sides until the clip dislocates from connector body. Remove the clip. If using a VFL, remove it from connector and place dust cap back onto connector's ferrule.
10. Slide the boot up and over the rear of the connector body. Slide the clear 900 µm protective tubing - over the black 250 µm protective tubing – to the back of the connector's boot.
11. For ST connectors, push ST housing over body of connector.

FIBER TERMINATION – 900 µm

When using a 900 µm Fan-out/Break-out kit to unjacketed 250 µm fiber, follow the manufacturer's instructions. After the kit is installed, use the following procedures for FastCAM termination.

Tools required: Cleaver* and a fiber stripper. (See pg. B74)

1. Slide the 900 µm boot onto the fiber.
2. Strip the fiber to a length of 40 mm by removing 10 mm at a time.
3. From the end of the 900 µm buffered fiber, place a mark at 15.5 mm for SC/ST or at 11.5 mm for LC.
4. Clean the stripped fiber with an alcohol wipe to remove any debris. Check the fiber integrity by bending the stripped end slightly to 60˚.
5. Set the stripped fiber onto the cleaver such that the 900 µm buffered fiber's edge is at the 10.5 mm position and cleave.
6. Wedge clips are engaged at shipment. If they have become dislodged, squeeze the top and bottom of the wedge clip, ensuring it is inserted in the connector body. A click will be heard for each wedge.
7. Insert the cleaved fiber into the rear of the connector until the connection is made and the mark is inside the connector. Make a slight bend in the fiber to maintain connection.
8. OPTIONAL: Use the Visual Fault Locator (VFL) as an aid to determine that the cleaved fiber and stubbed fiber are connected properly.

8A. Remove the FastCAM connector dust cap and insert the connector into the VFL. Turn the VFL power on and there will be a red glow in Position 1 of the wedge clip.

8B. Insert the cleaved fiber into the rear of the connector until the red glow dims in Position 1 of the wedge clip. Make a slight bend in the fiber to maintain connection.

9. Maintaining a slight force on the fiber, release wedge clip by squeezing both sides until the clip dislocates from the connector body. Remove the wedge clip. If using a VFL, remove it from connector and place dust cap back onto connector's ferrule.

NOTE: The ferrule's dust cap should remain in place until you are ready to insert the connector.

10. Slide the boot up and over the rear of the connector body.
11. For ST connectors, push ST housing over body of connector to complete assembly.

FIBER TERMINATION – 2 mm and 3 mm

Tools required: Cleaver* and a fiber stripper. (See pg. B74)

1. Slide 2 mm or 3 mm boot onto cable.
2. Remove 70 mm of cable jacket.
3. Strip the fiber to a length of 40 mm by removing 10 mm at a time.
4. From the end of the 900 µm buffered fiber, place a mark at 15.5 mm for SC or ST or a mark at 11.5 mm for LC.
5. Clean the stripped fiber with an alcohol wipe to remove any debris. Check the fiber integrity by bending the stripped end slightly at 60 degrees.
6. Set the stripped fiber onto the cleaver such that the 900 µm buffered fiber's edge is at the 10.5 mm position and cleave.
7. Wedge clips are engaged at shipment. If they have become dislodged, squeeze the top and bottom, ensuring the wedge clip is inserted into the connector body. A click will be heard for each wedge.
8. Insert fiber slowly into connector until connection is made and marking is hidden. Form a slight bend in fiber to maintain connection.
9. OPTIONAL: Use the Visual Fault Locator (VFL) as an aid to determine that the cleaved fiber and stubbed fiber are connected properly.

9A. Remove the FastCAM connector dust cap and insert the connector into the VFL. Turn the VFL power on and there will be a red glow in Position 1 of the wedge clip.

9B. Insert the fiber into rear of the connector until red glow dims in Position 1 of the wedge clip. Make a bend in fiber to maintain connection.

10. Maintaining a slight force on the fiber, release the wedge clip by squeezing both sides until the wedge clip dislocates itself from the connector body. Remove wedge clip unit from connector. If using a VFL, remove it from the connector and place the dust cap back onto the connector's ferrule.
11. Fan Kevlar® around connector.
12. Grip Kevlar on both sides of the connector to maintain tension. Screw boot onto back of connector to fix Kevlar firmly.
13. Cut Kevlar from around the connector.
14. For ST connectors, push ST housing over body of connector.

*Cleavers with a guaranteed maximum 1 degree cleave angle for single-mode fibers and a maximum 2 degrees cleave angle for multimode fibers provide acceptable results.

For additional tech tips on this product, visit communities.Leviton.com.

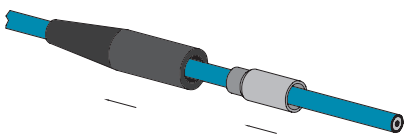
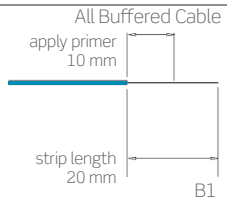
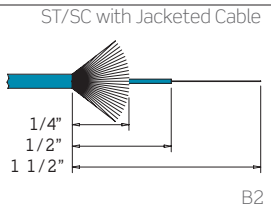


Figure A



(not to scale)



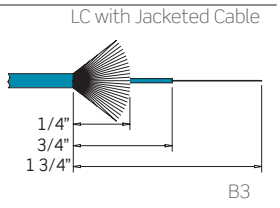


Figure B

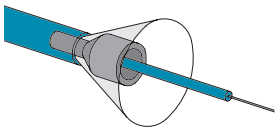


Figure C

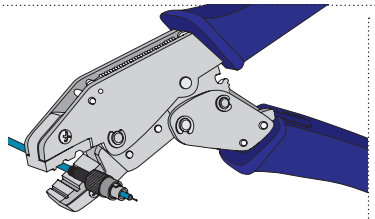


Figure D

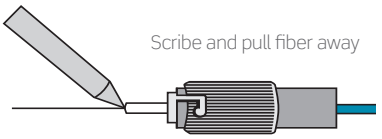


Figure E

FAST-CURE ASSEMBLY INSTRUCTIONS

PREPARE – All Connector Types:

If using 900 µm buffered fiber, do not use crimp tube in step 1.

1. Slide boot and crimp tube onto fiber, small end inserted first. **(Fig. A)**
   For 3 mm Jacketed Fiber: Use ribbed boot, provided.
   For 900 µm Buffered Fiber: Use smooth boot, provided.
   If using an SC connector on 900 µm buffered fiber, you must install SC body into housing before continuing to step 2. Align body with connector housing, then insert body into housing until it snaps into place. Use dust cap to push body into housing.
2. Strip jacket and/or buffer using the measurements provided in the figure above, stripping in increments of ¼". If using jacketed cable, trim aramid strands as indicated above. **(Fig. B1-3)**
3. Clean exposed fiber with a 99% isopropyl alcohol wipe, followed by a lint-free wipe, both before and after stripping.
4. **SC & FC Connector on 3 mm Jacketed Fiber ONLY:** Insert spacer over buffer and push until it contacts jacket. **(Fig. C)**

ASSEMBLE – All Connector and Fiber Types:

1. Remove the dust cap from the connector.
2. Dry fit the fiber by inserting it into the connector. This will ensure that all coating has been removed and the fiber can be inserted into the connector ferrule.
3. Shake the adhesive bottle before using. Remove the cap from the adhesive bottle, and attach the needle by pressing it gently onto the top of the bottle until you feel it set into place.

NOTE: Syringes are also available for inserting adhesive.

4. Insert the needle and firmly hold it against the back of the connector while filling it. Being careful not to overfill the connector, squeeze the bottle gently, injecting the adhesive into the connector. Continue until a dot of adhesive is visible at the other end, then remove the needle. Wipe away excess adhesive from the end of the ferrule.
5. Using the brush attached to the lid on the bottle of primer, apply the primer to the first 10 mm of the exposed fiber. **(Fig. B1)**
6. Insert the fiber into the back of the connector. To prevent premature bonding, use continuous motion until the fiber is fully seated in the connector. The primer will activate adhesive and begin the bonding process.

NOTE: The fiber should be inserted within 45 seconds of priming.

7. Hold the fiber in place for 10-20 seconds, and allow up to 3 minutes for the adhesive to bond.
8. If using any cable type but jacketed fiber, slide the boot back up over the back of the connector now. If using jacketed fiber, follow the steps below.

Additional Steps For 3 mm Jacketed Cable ONLY:

9. Arrange the aramid strands evenly around the end of the connector, then slide the crimp tube over the aramid strands and connector. Using a crimp tool, crimp the tube at both the large end (step 1) and the small end (step 2). **(Fig. D)**

ST/SC - large end: Use the .178" hex die.
ST/SC - small end: Use the .151" hex die.
LC: Use the .128" hex die.

CLEAVE AND POLISH – All Connector and Fiber Types:

1. When adhesive is cured (no longer wet), scribe fiber where it meets bead of adhesive at end of ferrule. **(Fig. E)**
2. Pull fiber away from connector, then properly dispose of fiber debris.
3. 12 µm "AIR POLISH" FOR SM AND MM FIBER – Begin by "Air Polishing" connector with 12 µm polishing film. Hold edge of film with thumb and forefinger. Gently touch connector to film and rotate using approximately 18-20 one-inch circles to remove fiber stub. Scraping sound of fiber on film will cease when polishing process is complete. 12 µm film is dark pink in color.
4. Holding a lint-free wipe across fingertips, gently press connector's endface against wipe. Twist connector in place to remove any debris. Do not drag connector across the lint-free wipe.
5. 3 µm AIR POLISH FOR SM AND MM FIBER – Wipe the bottom surface of polishing puck and surface of polishing pad with a 99% isopropyl alcohol wipe.
6. Place 3 µm film on polishing pad, dull side up, then carefully set polishing puck on film. Gently insert connector into puck, and using light pressure, trace 15-20 "figure 8s" on film. Test to ensure fiber is completely polished.
7. Also check to ensure that fiber is polished flush by dragging gently across lint-free wipe. Fiber should not snag. If fiber snags, continue polishing. Remove any debris using a lint-free wipe.
8. Repeat steps 5 and 6 with the .3 µm film. Leviton's 3 µm film is yellow and .3 µm film is light blue in color.

For additional tech tips on this product, visit communities.Leviton.com.

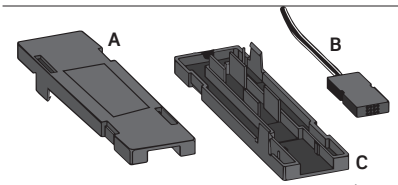


Figure 1

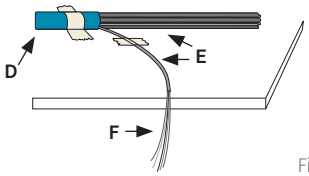


Figure 2

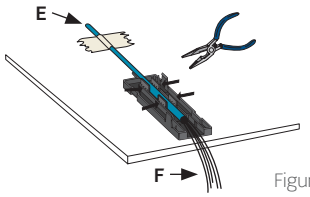


Figure 3

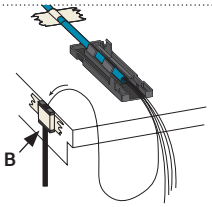


Figure 4

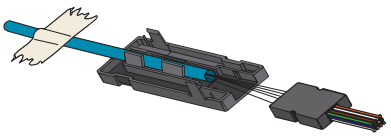


Figure 5

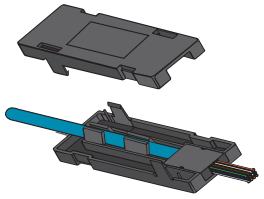


Figure 6

FIBER OPTIC FAN-OUT KIT ASSEMBLY INSTRUCTIONS

Each kit breaks out six or twelve individual 250 µm fibers from a loose buffered multifiber tube into individual 900 µm buffer tubes. The fibers can then be terminated using the Fast-Cure® Connector termination procedure for 250 µm fiber.

One fan-out kit is required for each loose buffered multi-fiber tube being terminated. Leviton recommends you read these instructions thoroughly prior to installation of the fan-out kit.

Contents (Figure 1):

A. Top Cover
B. 6- or 12-Fiber Terminal Assembly Unit (24" or 36")
C. Base

Recommended Tools (not included with Fan-Out Kit)	Electrical or Masking Tape Needle Nose Pliers Indelible Marker Buffer Tube Stripper
Also Recommended Consumables (available in Leviton's Consumables Kit PN# 49800-FAN)	Silicone RTV Sealant Gel Cleaner Alcohol Pad Lint-Free Wipes Talc Powder

Determining Strip Length
Locate your work surface as close to the enclosure location as possible, to minimize strip length. Route the cable sheathe through the enclosure to the work surface.

On the cable sheathe **(D),** measure the length of the fan-out tube **(B)** plus six to twelve inches. Mark this length with a piece of tape — this is the strip point for the fiber cable sheathe. **(Figure 2)**

Cable End Preparation
Following your cable manufacturer's recommended stripping procedures, strip the cable sheathe back to the tape mark. Secure the cable to the enclosure, then, using lint-free wipes or a gel cleaner, clean any dirt or gel surrounding the loose-buffered multifiber tubes **(E). (Figure 2)**

NOTE: Quantities of loose-buffered multifiber tubes may vary among cable manufacturers.

Loose Buffered Fiber Tube Preparation
Measure the tube back 3 inches longer than your fan-out tube **(B)**. Mark with an indelible marker, score, and strip, exposing the 250 µm fibers **(F)** inside the buffer tube. Tape the buffered fiber tube to the work surface roughly 2 inches from the stripped end. **(Figure 2)** Wipe all gel from the exposed 250 µm fibers using a gel cleaner.

Place buffered fiber in the base of the fan-out kit. Using needle-nose pliers, press both pairs of the crimping fixture to hold the tube. Crimp only enough to start to deform the tube. Twist and pull the fan-out body to check if the crimp is secure. The tube should not slip or move in the crimp fixture. **(Figure 3)**

NOTE: For added retention, secure with a few drops of silicone RTV sealant on the crimp points of the fixture.

Fiber Threading Procedure
Tape the terminal assembly unit **(B)** in the vertical position, 75 mm (3 inches) to the side of the loose buffered fiber tube. **(Figure 4)**

Untangle the fibers and make sure they are completely free of gel filling compound. Leviton recommends using alcohol pads or gel cleaner to remove the gel.

NOTE: To more easily thread the fiber, cup talc powder in your hand and apply to the length of the fibers.

Starting with the blue fiber, thread 150 mm (6 inches) of the fiber into the corresponding color tube of the terminal assembly unit **(Figure 4)**. Repeat this procedure for the remaining fibers, making sure the color-coded fibers match the color-coded 900 µm tubing.

When all the fibers have been threaded, push the fibers as a group until they start to protrude from the end of the 900 µm fan-out tubes. Gently pull the fibers through the tubing, leaving sufficient slack so the fibers are not stressed. DO NOT PULL TAUT.

NOTE: While threading fibers through the 900 µm tubing, gently pull the tubing straight with one hand to remove any coil.

Untape the terminal assembly unit and slide the assembly toward the loose buffered fiber tube while pulling the fibers from the end of the 900 µm tubing. If the fibers twist, rotate the terminal assembly in the opposite direction of the twist. **(Figure 5)**

Place the terminal assembly unit into the mating feature in the base. For added protection, add a small bead of silicone RTV where the 250 µm fibers enter the terminal assembly, securing the assembly and sealing the water-resistant gel (icky-pick) inside the fiber cable.

Align the top cover and snap into place **(Figure 6)**. Remove the tape from the loose buffered fiber tube and repeat this procedure for any remaining loose-buffered multifiber tubes. Once complete, snap the cover in place.

Fiber Enclosure Installation
Hold the fan-out kit and buffered fiber together at the point where the tube enters the fan-out kit. Install terminated connector into respective adapter port. Route 900 µm buffered fiber around cable managers (for slack and storage). Peel tape off adhesive (on bottom of base) and place between the cable managers (or where appropriate). Route loose tube subunit around cable managers (for slack and storage), and secure loose tube cable as required.

For additional tech tips on this product, visit communities.Leviton.com.

CHOOSING YOUR SPLICE TRAYS

Leviton offers several styles of metal and injection-molded splice trays. Use this chart to help determine which style will fit your specific needs. See pages B31, B43, and B44 for complete descriptions of splice trays, splice holders, and sleeves. **For additional selections, capacity, and installation information, visit leviton.com/splicetrayselector.**

	Heat Shrink (Plastic Holders)	Heat Shrink (Foam Holders)	Bare Fusion	SDX 2000i/1000i/500i (Rack Mount)	LightSpace® DPC/DPS (Rack Mount)	SDX 1000 (Wall Mount)	LightSpace CPC/CPS (Wall Mount)	NIDS (Wall Mount)
METAL SPLICE TRAY (0.35" HEIGHT)								
12-fiber Mini, 4" W x 7" L	T47HS-P06	—	T47BF-P06	•	•	•	•	
12-fiber Mini, w/ standoff, 4" W x 7" L (0.57" height)	5T000-00T	—	—	•	•	•	•	
12-fiber Standard, 4" W x 11.75" L	T4LHS-P06	T4LHS-F06	T4LBF-P06		•	•	•	
24-fiber High Density, 4" W x 11.75" L	T4LHS-P12	T4LHS-F12	T4LBF-P12		•	•	•	
12-fiber Standard, 5" W x 11.75" L	T5LHS-P06	T5LHS-F06	T5LBF-P06		•	•	•	
24-fiber High Density, 5" W x 11.75" L	T5LHS-B12	T5LHS-F12	T5LBF-P12		•	•	•	
INJECTION-MOLDED SPLICE TRAY (MINI – 0.39" HEIGHT, HIGH DENSITY - 0.56" HEIGHT)								
12-fiber Mini, 3.74" W x 5.59" L	T5PLS-12F	—	—	•		•	•	•
24-fiber High Density, 4.5" W x 7.63" L	T5PLS-24F	—	—	•		•	•	

See fiber enclosure section for splice tray capacity information.

NEMA AND IEC ENCLOSURE CLASSIFICATIONS

NEMA and IEC Enclosure Classifications Comparing NEMA Enclosure Type Numbers and IEC Enclosure Classification Designations (IP Suitability Rating)

NEMA

NEMA Standards Publication 250 defines the NEMA Enclosure Type Numbers. Unlike the IEC Enclosure Classification Designations, NEMA Standards Publication 250 tests for environmental conditions such as corrosion, rust, icing, oil, and coolants. For this reason, and because the tests and evaluations for other characteristics are not identical, the IEC Enclosure Classification Designations cannot be exactly equated with NEMA Enclosure Type Numbers. The table below provides an equivalent conversion from NEMA Enclosure Type Numbers to IEC Enclosure Classification Designations. Note that the NEMA Types meet or exceed the test requirements for the associated IEC Classifications. Therefore, this table cannot be used to convert from IEC Classifications to NEMA Types.

IEC

IEC Publication 529, "Classification of Degrees of Protection Provided by Enclosures," defines the IP (Ingress Protection) Suitability Rating. The IP Suitability Rating is a system for classifying the degree of protection provided by enclosures of electrical equipment. The higher the number in the rating, the greater the degree of protection provided by the enclosure. The first numeral of the code indicates the degree of protection for persons against access to hazardous parts inside the enclosure or against the ingress of solid foreign objects. The second numeral indicates the degree of protection of equipment inside enclosures against damage from the ingress of water. The IP Suitability Rating defined by IEC 529 does not specify any degree of protection against mechanical damage of equipment, risk of explosions, or conditions such as moisture (i.e., condensation), corrosive vapors, fungus, or vermin.

CONVERTING NEMA TO IEC

NEMA Enclosure Type Number	Equivalent IEC Enclosure Classification Designation
1	IP10
2	IP11
3	IP54
3R	IP14
3S	IP54
4 and 4X	IP56
5	IP52
6 and 6P	IP67
12 and 12K	IP52
13	IP54

IEC INGRESS PROTECTION RATING

Protection against solid objects	
0	None
1	Solid objects larger than 50 mm
2	Solid objects larger than 12.5 mm
3	Solid objects larger than 2.5 mm
4	Solid objects larger than 1.0 mm
5	Dust
6	Dust tight

Protection against water	
0	None
1	Vertically falling water drops
2	Vertically falling water drops (up to 15° angle)
3	Spraying water
4	Splashing water
5	Water jets
6	Powerful water jets
7	Temporary immersion in water
8	Continuous immersion in water

WALLPLATE MATERIALS

The material used to manufacture a wallplate will have a significant impact on the product's durability and suitability for certain applications.

THERMOSET

Thermoset products are manufactured by applying pressure to powdered material. These types of products do not provide a high degree of resistance to impacts, chemicals, and solvents; therefore they are not suitable for heavy-duty applications. Urea is a thermoset material, and is commonly used to manufacture wallplates for use in residential or light-duty commercial applications.

THERMOPLASTIC

Thermoplastic products are manufactured by heating pellets of material into a liquid for injection into a mold. These materials are the preferred choice for heavy-duty applications because they provide superior resistance to impact, chemicals, and solvents. ABS, nylon, and polycarbonate are thermoplastic materials that are used to manufacture wallplates for use in commercial applications.

STAINLESS STEEL

Leviton manufactures wallplates from type 304 and type 430 stainless-steel materials. Type 430 stainless steel is resistant to the corrosive effects of moisture, and as such is suitable for exterior or wet applications. Type 430 stainless steel has magnetic properties that may interfere with certain equipment, such as hospital MRI and marine navigation equipment. Type 304 stainless steel is non-magnetic and is also more corrosion-resistant than type 430 stainless steel, and as such is the preferred choice for commercial applications. All QuickPort® and telephone wallplate products are manufactured from type 304 stainless-steel material. Standard wallplates are also available in type 304 stainless-steel material by using the suffix "040" in the part number.

Leviton products and guidelines are developed consistent with all known applicable practices as defined by the following:

- ANSI/TIA-607-C Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises
- ANSI/BICSI 002-2011, Data Center Design and Implementation Best Practices
- ANSI/BICSI 001-2009, Information Transport Systems Design Standard for K-12 Educational Institutions
- ANSI/BICSI 004-2012, Information Technology Systems Design and Implementation Best Practices for Healthcare Institutions and Facilities - Printed
- ANSI/NECA/BICSI 568-2006, Standard for Installing Commercial Building Telecommunications Cabling
- ANSI/BICSI 005-2013, Electronic Safety and Security (ESS) System Design and Implementation Best Practices
- ANSI/TIA-568-C.0: Generic Telecommunications Cabling for Customer Premises
- ANSI/TIA-568-C.1: Commercial Building Telecommunications Cabling Standard
- ANSI/TIA-568-C.2: Telecommunications Cabling, Copper Component, and Cabling Specifications
- ANSI/TIA-568-C.3: Telecommunications Cabling, Fiber Component, and Cabling Specifications
- ANSI/TIA-569-B: Commercial Building Standard for Telecommunications Pathways and Spaces
- ANSI/TIA-606-B: Administration Standard for Telecommunications Infrastructure of Commercial Buildings, published June 2012
- ANSI/TIA-942-2: Telecommunications Infrastructure Standard for Data Centers
- ANSI/TIA-1096-A: Connector Requirements for Connection of Terminal Equipment to the Telephone Network
- IEEE 802.3: Ethernet-based LANs (Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet)
- IEEE 1100: Recommended Practice for Powering and Grounding Electronic Equipment
- ISO 11801: Generic Cabling for Customer Premises (multiple standards)
- ISO/IEC 15018 Edition 1.0: Generic Cabling for Homes
- ISO/IEC 24764 Edition 1.0: Generic Cabling Systems For Data Centres
- ISO/IEC 14763-2 Edition 1.0: Implementation and Operation of Cust. Premises Cabling - Planning and Installation
- ISO/IEC 14763-3 Edition 1.1: Implementation and Operation of Cust. Premises Cabling - Testing of Optical Fibre Cabling
- National Electrical Safety Code (NESC): Published by IEEE
- National Electric Code (NEC, NFPA 70): Published by NFPA
- BS EN 50173: Information Technology, Generic Cabling Systems, General Requirements (British Adopted European Standard)
- Telecommunications Distribution Methods Manual (TDMM): Published by BICSI
- Underwriters Laboratories (UL): Applicable listings and ratings
- NECA/BICSI 607-2011, Standard for Telecommunications Bonding and Grounding Planning and Installation Methods for Commercial Buildings
- Building Automation Systems cabling standard, ANSI/TIA-862-A-2011
- Residential Cabling standard, ANSI/TIA-570-C-2012
- A/V Design Reference Manual (AVDRM)
- BICSI ITS Dictionary
- Electronic Safety and Security Design Reference Manual (ESSDRM)
- Information Transport Systems Installation Methods Manual (ITSIMM)
- Outside Plant Design Reference Manual (OSPDRM)
- Telecommunications Distribution Methods Manual (TDMM)

TERM	PAGE
110-Style Wiring Products	A25-A27
110-Style/Universal Patch Panels	A17, A20
3.5 mm QuickPort® Stereo Adapter	C14
4500 Series PDUs	G10
50/125µm LOMM (OM3/OM4)	See LOMM
50/ & 62.5/125µm MM (OM1/OM2)	See MM
5500, 5505 Series PDUs	G9
66 Blocks & Accessories	A28
Adapter Plates, Fiber	
LightSpace®	B41-B42
SDX	B27-B28
HDX	B14
Adapters	
AV	C14, C20
Fiber	B70
Array Cords	B60
Atlas-X1™ Cat 5e	
Connectors	A12
Patch Cords	A32
Patch Panels	A18, A20
System Overview	A3-A6
Atlas-X1 Cat 6	
Connectors	A12
Patch Cords	A31
Patch Panels	A18, A20
System Overview	A3-A7

TERM	PAGE
Atlas-X1 Cat 6A	
Connectors	A12
Patch Cords	A30
Patch Panels	A18, A20
System Overview	A3-A10
Audio, Home	
Home Theater Wallplates	C25-C26
JBL®	C21, C23
Leviton Architectural Edition®	C21, C23
Speakers	C21-C23
Volume Controls	C24
AV (Audiovisual)	
Adapters	C14, C20
Connectors	See Connectors, AV
Mounting Plates, Structured Media®	H13
Multimedia Wallplates	C19
Signal Extension	C3-C4, C11-C13
Back Boxes	D3
Banana Jack Connectors	C14
Bezels	A14
Binding Post Connectors	C14
BitWise Integrated Controllers	C27-C28
Blade Replicators	B48
Blank Adapter Plates	B14, B28, B42
Blank Inserts, QuickPort	C14, D9
Blank Panels, Rack-Mount	A19, E7-E8

TERM	PAGE
BNC Connector	C14
Brackets	
Fiber (MTP®)	B49
Furniture	D13
Hinged (cable management)	E9
In-Ceiling & In-Wall	D4
Structured Media Enclosure	H8
Wallplate Mounting	D4
Cable Assemblies, Copper	
Copper Trunk Terminated to e2XHD Cassette	A22, A34
HDMI	C12
High Flex HD6	A32
Low Smoke Zero Halogen	A30-A32, A34
Patch Cords	A30-A33
Patch Cords, Intact™ Intelligent	F6
Patch Cords, MDU	H13
Secure RJ	A33, F5-F6
Shielded	A30-A32, A34
Trunks	A34
Cable Assemblies, Fiber	
Array Cords (Opt-X® Unity 40/100G)	B60
Harnesses	B57-B59
Patch Cords	B61-B64
Patch Cords, Intact Intelligent	F6
Pigtails	B61, B63-B64

TERM	PAGE
Secure Keyed	B56, B59, B64, F6
Trunks	B7-B8, B53-B56
Cable Management	
110-Style (Cross Connect)	A27
Brackets	E9
Horizontal 19" Rack Mount	E7
Overhead Infrastructure Platform	E3-E4
Rear Managers	E8
Rings	E9
VELCRO® Brand Fasteners	E10-E11
Vertical (Versi-Duct®) Rack Mount	E5-E6
Cassettes, MTP (Modules)	B14, B29-B30, B36, B50
Category 5e	See Atlas-X1™ Cat 5e, eXtreme® Cat 5e, GigaMax® Cat 5e
Category 6	See Atlas-X1 Cat 6, eXtreme Cat 6
Category 6A	See Atlas-X1 Cat 6A, eXtreme Cat 6A
CATV Splitters	H19
Cleavers, Fiber	B74-B75
Composite Patch Panels	A19
Compression Connectors	C16
Connector Adapter Bezels	A14
Connectors, AV	C14-C16
Connectors, AV - MOS (Multimedia Outlet System)	C17-C20, D21-D22

TERM	PAGE
Connectors, Copper (jacks)	
Cat 3	A14
Cat 5	A14
Cat 5e	A12-A14
Cat 6	A12-A13
Cat 6A	A12-A13
Floor	D20
Multimedia Outlet System (MOS)	C19, D21
QuickPack®	A13-A14
Shielded	A12
Termination Instructions	X7-X10
Voice-Grade/USOC	A14
Connectors, Fiber	
FastCAM®	B66
Fast-Cure®	B67
Multimedia Outlet System (MOS)	C20, D22
Secure Keyed LC	B68, F6
Consumables, Fiber	B69, B76
Cross-Connect Products	
110-Style Wiring Products	A25-A27
66 Blocks & Accessories	A28
Custom-Configured Products	See Make-to-Order
Decora®	
AV Inserts	C14, C19
QuickPort® Inserts	D9, D14
Telephone & Video Jacks/Inserts	D10
Volume Controls (MDU)	C24

TERM	PAGE
Wallplates	D11
Duplex Devices	D14
DuraPort® Industrial Connectivity	D15-D16
DVI Decora Insert, feedthrough	C14
e2XHD Snap-In Cassette Patching System	A22, B33-B36
Enclosures, Rack Mount - Fiber	
High-Density Flush-Mount	B46
LightSpace® DP/DPS/DPC	B38
SDX 1000i/500i	B23-B24
SDX 2000i	B22, F5
HDX 1000i	B16
HDX 2000i	B16
HDX	B19-B20
UHDX	B13-B14
Replicator®	B49
VertiGO®	B26
Enclosures, Structured Media®	H3-H10
Enclosures, Wall Mount - Fiber	
LightSpace CPC	B39
LightSpace CPS	B39
LightSpace NIDS	B40
SDX 1000	B25
Enclosures, Zero-U - Fiber	
VertiGO	B26
Enclosures, Wireless	H9
Enclosures, Zone	E12

INDEX | Term Index

TERM	PAGE
Excella® Wallplates & Inserts	D17
Expansion Boards, Structured Media	H17-H18
eXtreme® Cat 5e	
Connectors	A13
Patch Cords	A32
System Overview	A4, A7, A9-A10
eXtreme Cat 6	
Connectors	A13
Patch Cords	A31
System Overview	A3-A4, A7, A9-A10
eXtreme® Cat 6A	
Connectors	A13
Patch Cords	A30
System Overview	A4, A7, A9-A10
F-Connectors	C15-C16
FTTH	H10
Faceplates	See Wallplates
Faceplates, Modular Furniture	D13
Fan-Out Kits	B69, X12
Termination Instructions	X12
FastCAM®	
Connectors	B66
Termination Instructions	X10
Fast-Cure®	
Connectors	B63
Termination Instructions	X11

TERM	PAGE
Fire-Rated Back Box	C21-C22
Floor Box Assemblies	D20
Floor Connectors	D20
Flush-Mount Enclosures	B46
Furniture Brackets & Faceplates	D13
GigaMax® Cat 5e	
Connectors	A14
Patch Cords	A32
System Overview	A3-A4, A8, A9-A10
Harnesses	B50, B57-B59
HDX System	
Accessories	B16
Adapter Plates	B14
Cassettes	B14
Enclosures	B16
HDX Frame	B17-B20
HDBaseT™ Signal Extension	C3-C6, C11
HDMI®	
Cables	C12
Connectors and Inserts	C14, C20
Signal Extension	C11-C13
High-Density Cassette System (e2XHD)	A22, B35-B36
Home Audio	See Audio, Home
Industrial Connectivity (DuraPort®)	D15-D16

TERM	PAGE
Inserts, Wallplate	
AV	C14, C19
Decora®	C14, C19, C24, C26, D9, D10, D14, D21
Duplex Outlet-Style	D14
Excella® 86 mm x 86 mm	D17
Other 86 mm x 86 mm	D18
Intact™ Intelligent Port Management System	F2-F6
J-Box Kit	H12
Jacks (Connectors)	
AV	See Connectors, AV
Copper	See Connectors, Copper
Floor	D20
JBL® Home Audio	C21, C23
Labeling Solutions	
e2XHD	A22, B35
Patch Panels	A24-A25, A27, A38
Work Area	A38, D7
Leviton Architectural Edition®	C21, C23
LightSpace®	
Accessories	B44
Adapter Plates	B41-B42
Rack-Mount Enclosures	B38
Wall-Mount Enclosures	B39-B40

TERM	PAGE
LOMM Fiber (Laser-Optimized Multimode), 10G	
Adapter Plates	B14, B27-B28, B42
Cable Assemblies	See Cable Assemblies, Fiber
Connectors	B66-B68
MTP® Cassettes	B14, B25, B32, B46
Splice Modules	B27
LOMM Fiber (Laser-Optimized Multimode), 40/100G	
Cable Assemblies	See Cable Assemblies, Fiber
MTP Cassettes	B29-B30, B36, B50
Opt-X® Unity	B30, B54, B57, B60
Low Smoke Zero Halogen	A30-A32, A34
Make-to-Order	
Cable Assemblies, Copper	A30-A34
Cable Assemblies, Fiber	See Cable Assemblies, Fiber
Enclosures, Fiber	See Enclosures
Modules, MTP (Cassettes)	B14, B29-B30, B36, B50
Panels, Fiber	B13, B46
Secure Keyed LC & SC System	B56, B59, B64, B68, F6
Secure RJ System	A33, F5-F6
Metered Series PDUs	G5-G6
MM Fiber (Multimode), Laser-Optimized	See LOMM

INDEX | Term Index

TERM	PAGE
MM Fiber (Multimode), Standard	
Adapter Plates	B14, B27-B28, B41-B42
Cable Assemblies	See Cable Assemblies, Fiber
Connectors	B66-B67
MTP Cassettes	B14, B29, B36
System Overview	B5-B6
Modules, Fiber	
GPON Splitter	B29
Splice	B31
Mobile Device Station	C25
Modules, Voice & Data	H17
Mounting Plates, Structured Media	H13-H14
MTO	See Make-to-Order
MTP® Brackets	B49
MTP Cassettes	See Cassettes, MTP
Multimedia Outlet System (MOS)	C17-C20, D21-D22
Noise-Canceling Helix Technology	A34
NIDS (Network Interface Devices)	B40
Opt-X Unity	B8, B30, B50, B53-B54, B57, B60
Overhead Infrastructure Platform	E3-E4
P1000 Series PDUs	G7-G8
Palm Tool	A36, A38
Patch Blocks	A17-A18
Patch Cords	See Cable Assemblies

TERM	PAGE
Patch Panel Labeling Solutions	A24, A38
Patch Panels, Copper	
110-Style/Universal	A17-A21
Angled	A20, A22
Blank	A19, E7-E8
Composite	A19
Category 5e	A17-A21
Category 6	A17-A21
Category 6A	A17, A20
e2XHD	A22, B33-B36
Flat	A17-A19, A22
High-Density	A18, A20-A22
Intact™ Intelligent	F5
Patch Block	A17-A18
QuickPort®	A18-A21
Recessed Angled	A21
Recessed Flat	A21
Selection Guide	A16
Shielded	A18, A20
Transitional Covers	E8
Twist & Mount (MDU)	H15
VertiGO®	A23
Voice Grade	A24
Patch Panels, Fiber	
e2XHD	B35
High-Density Flush Mount	B46

TERM	PAGE
Intact Intelligent	F5
SDX 500i	B24
UHDX	B13
VertiGO	B26
Pigtails	B61, B63-B64
Power Distribution Units (PDUs)	
4500 Series	G10
5500-5505 Series	G9
Metered Series	G5-G6
P1000 Series	G7-G8
Switched Series	G3-G4
Power Supplies, Structured Media®	H12
Pre-terminated Solutions	
Trunks, Copper	A34
Cable Assemblies, Fiber	B52-B64
Fiber Overview	B3-B6
MTP® Cassettes	B14, B29-B30, B36, B50
QuickPack®	A13-A14
QuickPlate®	D5-D6
QuickPort	
AV Connectors & Adapters	See Connectors, AV
Blank Inserts	C14
Copper Connectors (Jacks)	See Connectors, Copper
Decora® Wallplates & Inserts	C14, C19, D3, D9, D11

TERM	PAGE
Excella® Wallplates & Inserts	D17
Fiber Adapters	B70
Furniture Faceplates	D13
Patch Panels	A18-A23
Surface-Mount Boxes	C19, D3
Wallplates, Plastic	D6, D8
Wallplates, Stainless Steel	D7, D21
Rack-Mount Enclosures	See Enclosures, Rack-Mount
RCA Connectors	C15-C16, C19
Receptacles, Recessed	C25-C26
Recessed Entertainment Box	C25-C26
Replicator® Enclosures	B49
Routers & Switches (MDU)	H11
S-Video Connectors & Adapters	C14
SDX System	
Accessories	B32
Adapter Plates	B27-B28
Enclosures, Rack Mount	B22-B24, B26
Enclosures, Wall Mount	B25
Secure Keyed LC System	B56, B59, B64, B68, F6
Secure Keyed SC System	B64
Secure RJ System	A33, F6
Shielded Connectivity	
Cable Assemblies	A30-A32, A34
Connectors	A12

INDEX | Term Index

TERM	PAGE
Patch Panels	A18-A20
System Overview	A6
Termination Instructions	X8
SlimLine Patch Cords	A30-A32
SM Fiber (Single-Mode, OS1/OS2)	
Adapter Plates	B14, B27-B28, B41-B42
Cable Assemblies	See Cable Assemblies, Fiber
Connectors	B66-B67
MTP Cassettes	B14, B29, B36
Splice Modules	B31
System Overview	B5-B6
Speakers	C21-C23
Splice Modules	B31
Splice Trays, Holders & Sleeves	B19-B20, B31, B43-B44
Splitters	H19
Stainless-Steel Wallplates	See Wallplates, Stainless Steel
Standards	X14-15
Structured Media®	
Brackets	H13-H14
Cabling Panels	H15-H16
Enclosures	H4-H10
Expansion Boards	H17-H18
Modules	H17
Mounting Plates	H13-H14

TERM	PAGE
Patch Panels	H15-H16
Power Supplies	H12
Video Modules	H19
Surface-Mount Boxes	
Back Boxes	D10
QuickPort®	D3
Telephone	D20
Switched Series PDUs	G3-G4
Switches & Routers (MDU)	H11
Telephone Input Distribution Panel (TIDP)	H15
Telephone Jacks, Inserts & Wallplates	D19, D20
Termination Instructions	
Copper	X7-X9
Fiber	X10-X12
Tools	
Copper	A35-A38
Fiber	B71-B76
MDU	H20
Transitional Covers, Rack Mount	E18
Trunk Cables	See Cable Assemblies
Twist & Mount Patch Panels	H15
UHDX System	
Accessories	B16
Adapter Plates	B14
Cassettes	B14

TERM	PAGE
Enclosures	B13
Patch Panel	B13
USB Connector	C14
USB Receptacle	C25-C26
USB Signal Extension	C13
UTP Connectivity	A5, A7-A8
VELCRO® Brand Fasteners	E7, E10-E11
Versi-Duct® Cable Management	E5-E6
VertiGO® Patch Panels	
Copper	A23
Fiber	B26
VGA Connectors	C19
VGA Signal Extension	C13
Video Connectors	See Connectors, AV
Video Modules, Structured Media	H19
Video Splitters	H19
Video Wallplates	D10, D19
Visual Fault Locator	B66, B72, B75
Voice-Grade Connectivity	A24
Wall-Mount Enclosures	See Enclosures, Wall-Mount
Wall-Phone Jacks, Inserts & Wallplates	D10, D19-D20
Wallplate Inserts	See Inserts, Wallplate
Wallplates (Faceplates)	
Angled	D7-D8, D17
Decora®	D11
Duplex	D14
Excella®	D17
Home Theater and Multi-Room	C25-C26
Midway	D8, D11, D14, D19
QuickPlate® Tempo	D5-D6
Renu®	D12
Round Opening	D14
Standard	D6-D7, D11, D14, D19
Stainless Steel	D7, D14-D17, D19, D21
Telephone	D10, D19-D20
Video	D10, D19
Wiring Standards	X4
Zero-U Patch Panels	
Copper	A23
Fiber	B26
Zone Enclosures	E12

INDEX | Part Number Index

PART NO.	PAGE
00688-***	C26
00689-***	C26
00690-***	C26
00PJ7-***	D14
00PJ8-***	D14
05261-0CH	C26
05361-0CH	C26
0PJ26-00*	D11
0PJ82-***	D14
38LM1-1AE	B50
40050-***	A28
40054-***	A28
40066-***	A28
40067-0BC	A28
40070-MDP	A37
40072-***	A28
40089-00D	A18, A28
40144-***	D10
40149-***	D10
40159-***	D10
40201-00I	D20
40214-***	D19
40223-00S	D19
40226-00S	D19
40238-***	D19
40244-***	D19
40249-***	D19
40253-***	D19
40257-***	D19
40258-***	D19
40259-***	D19
40278-***	D20
40539-***	D19
40644-***	D10
40649-***	D10
40659-***	D10
40681-***	D10
40682-***	D10
40734-***	C14
40735-***	C15
40830-***	C15
40831-***	C15
40832-***	C14
40833-***	C14
40834-***	C14
40835-***	C14
40837-***	C14
40839-***	C14
40951-***	C26
40952-***	C26
40981-***	D10
40982-***	D10
40985-***	C16
40988-000	A37
40989-ACT	H20
40989-CPT	A37, H20
41010-SPW	E11
41020-SPR	E11
41030-SMJ	D13
41054-IDD	D20
41075-DBW	C14, D9
41080-***	A38, D6-D8
41081-***	D8
41084-***	B70, C14-C15
41085-***	B70
41087-***	D14
41089-***	D3
4108W-***	D7
41091-***	D8
410L2-***	A27
41100-HLD	A25, A27, A38
41106-***	A14
41108-***	A14
41150-***	E7
41188-SM2	E8
41225-SAP	E11
41290-***	C19, D21
41291-***	C19-C20, D21-D22
41292-***	C19-C20, D21-D22
41293-***	C19-C20, D21-D22
41294-***	C20, D22
41295-***	C19-C20, D21-D22
41296-***	C19, D21
41297-***	C19-C20, D21-D22
41600-00I	A28
41620-00I	A28
41638-***	D10
41641-***	D9
41642-***	D9
41643-***	D9
41644-***	D9
41646-***	D9
41647-***	C14
41648-***	C14
41649-***	C19, D21
41650-***	D20
41652-***	D20
41658-***	D10
41880-***	A27
41900-***	C12
41910-***	C11-C13
41920-***	C13
41A10-HCM	A27
41AB2-***	A26
41AB6-***	A25
41AW1-***	A26
41AW2-***	A26
41D10-HCM	A27
41D1R-HCM	A27
41D6A-1F4	A25
41DBR-***	A26
41DR2-***	A26
41DR6-***	A25
41DW1-***	A26
41DW2-100	A26
41LBL-***	A25, A27, A38
41MB2-***	A27
41NB2-***	A26
41NB6-1F4	A25
42080-***	D6, D8
42081-***	D8
42090-**S	D6
42400-8FG	H13
42777-***	D3
43080-***	D7

PART NO.	PAGE
43081-***	D7
43105-***	E10, H20
43108-***	E10
43112-***	E10
43115-***	E10
4515-***	G10
4520-***	G10
4625A-***	D20
47112-***	C26
47600-QPB	H13
47603-***	H15-H18
47604-***	H6
47605-***	H6, H8, H12, H17
47606-***	H16
47609-***	H17-H18
47611-***	H11, H17
47612-***	H6, H8, H13-H14
47613-***	H20
47615-NYL	H20
47615-PTT	A36
47616-DSF	H17-H18
47617-***	C26
47689-00B	H17
47689-0QP	A18
47690-***	H19
47693-***	H19
476TL-T12	H15
476TM-***	H15
47FTH-***	H10
48211-***	C24
48212-***	H12
48605-***	H9
48900-***	E11
48LM1-1AE	B50
49005-***	E8
49006-AMB	E8
49012-***	A24
49013-***	A24
49014-***	A24
49018-***	A24
49103-IDC	A27
49104-***	A27
49105-IDC	A27
491RU-***	E6
49200-00M	A28
49222-***	D13
49223-BA*	D4
49223-CB*	D4
49251-***	E9
49252-***	E7
49253-***	E7
49254-***	E7-E8
49255-***	A18, A21, F5
49256-***	A20
49257-***	A24, A38
49258-TWB	E7
4925C-***	E7
49260-***	E9
49261-BKT	E9
49262-HR1	E9
49265-***	E6
49280-***	A23, B26
492RU-***	E6
49400-FHB	E9
4940L-***	E6
49553-***	A36, H20
49560-TTS	A37
49561-SSP	A37
49562-TSK	A37
49605-30W	H9
49660-00P	H20
49800-***	B69, B74, B76
4980L-***	E6
49886-***	A36, B67, B75-B76
49887-***	B69
49910-***	D13
49990-***	B67
49991-***	B66
4999K-***	B68
4J2P*-03M	B63
4M089-1*M	C19, D21
4MKIT-F24	F5
4MSYS-BKT	F5
4MSYS-IDH	F5
4MSYS-IDM	F5
4S089-***	D3
4S115-75E	E10
4S255-***	A18
4S256-***	A20
4W006-AMB	E8
4W254-***	E7-E8
4W256-***	A21
50DCL-***	B62
50DLC-***	B62
50DSC-***	B62
50DST-***	B62
50PLC-KIT	B63
50PLC-M03	B63
50PSC-KIT	B63
50PSC-M03	B63
50PST-KIT	B63
50PST-M03	B63
51084-***	A38
542KK-A01M	B60
542KK-B01M	B60
542LL-A01M	B60
542LL-B01M	B60
542LK-A01M	B60
542LK-B01M	B60
544HH-B01M	B60
544JH-B01M	B60
548MM-A01M	B60
548MM-B01M	B60
548MN-A01M	B60
548MN-B01M	B60
548NN-A01M	B60
548NN-B01M	B60
54DLC-M**	B62
54DCL-M**	B62
54PLC-KIT	B63
54PLC-M03	B63
5500-***	G9
5505-190	G9
59265-5DC	E6
5C000-RPL	B32
5CMTL-RPL	B32
5D000-***	B32
5D460-***	A32

INDEX | Part Number Index

PART NO.	PAGE
5D560-***	A32
5ESJK-***	A12
5EUJK-***	A12
5F100-***	B28, H13
5FUHD-***	B14
5G108-***	A14
5G110-***	A13
5G240-***	A27
5G270-***	A18
5G34A-***	A27
5G34B-***	A27
5G460-***	A32
5G596-***	A17, A21
5G597-***	A20
5HHOM-***	H13
5L000-KAL	B32
5L000-L0K	B25, B32, H6, H8
5L2KK-A01M	B60
5L2KK-B01M	B60
5L2LL-A01M	B60
5L2LL-B01M	B60
5L2LK-A01M	B60
5L2LK-B01M	B60
5L4HH-B01M	B60
5L4JH-B01M	B60
5L4JJ-B01M	B60
5L8MM-A01M	B60
5L8MM-B01M	B60
5L8MN-A01M	B60
5L8MN-B01M	B60
5L8NN-A01M	B60
5L8NN-B01M	B60
5LDLC-***	B62
5LDCL-***	B62
5LDSC-***	B62
5LPLC-KIT	B63
5LPLC-M03	B63
5LPSC-KIT	B63
5LPSC-M03	B63
5LPST-M03	B63
5PCBR-*BT	B32
5R100-14R	B32
5R1RU-023	B32
5R1UD-S**	B13
5R1UE-OPX	B24
5R1UH-S03	F5, B22
5R1UH-S08	B16
5R1UL-CMT	B32
5R1UL-F03	B24
5R1UM-S08	B16
5R1UM-*03	B23
5R1UR-TRY	B16
5R2UD-S**	B13
5R2UH-S06	B22, F5
5R2UH-S16	B16
5R2UL-CMT	B32
5R2UL-F06	B24
5R2UM-S16	B16
5R2UM-*06	B23
5R2UR-TRY	B16
5R3UE-OPX	B24
5R3UL-F12	B24
5R3UM-***	B23
5R4UD-S**	B13
5R4UH-S12	B22
5R4UM-***	B23
5RBSH-*UN	B13
5RCMP-KIT	B13, B16, B32, B35
5RCMP-KT2	B13, B16, B32, B35
5RCMR-KIT	B13, B16, B32, B35
5REAR-023	B13, B32
5RKIT-OM3	F5
5RKIT-OS2	F5
5S460-**S	A32
5T000-00T	B43-B44
5W110-00N	B25
5W120-00N	B25
5W170-00N	B25
5W310-00N	B25
5W320-00N	B25
5W370-00N	B25
5W597-U48	A21
5W710-00N	B25
5W720-00N	B25
5W770-00N	B25
6110G-R*6	A13
61110-***	A13
61SJK-***	A12
61UJK-***	A12
6210G-***	A30
62240-***	A25
6234B-***	A25
62460-***	A31
62DCL-***	B62
62DCT-***	B62
62DLC-***	B62
62DSC-***	B62
62DST-***	B62
62PLC-KIT	B63
62PLC-M03	B63
62PSC-KIT	B63
62PSC-M03	B63
62PST-KIT	B63
62PST-M03	B63
69104-IDC	A25
6910G-***	A18
69270-***	A18
69585-IDL	A24, A38
69586-***	A17, A21
69587-***	A20
6A586-U**	A17
6A587-***	A20
6AS10-***	A30
6ASJK-***	A12
6AUJK-***	A12
6AZ10-***	A30
6D460-***	A31
6D560-***	A31
6H460-***	A32
6S560-**S	A31
6W587-U48	A21
6Z460-***	A31
78003-000	D14
78016-000	D14
78804-000	D14
80309-***	D11
80401-***	D11

PART NO.	PAGE
80409-***	D11
80414-***	D9
80503-***	D14
80504-***	D14
80516-***	D14
80601-***	D11
80609-***	D11
80703-***	D14
80704-***	D14
80716-***	D14
80781-***	D19
80782-***	D19
84003-040	D14
84004-040	D14
84016-040	D14
84401-040	D11
84409-040	D11
85003-000	D14
85004-000	D14
85016-000	D14
86003-000	D14
86004-000	D14
86016-000	D14
87003-000	D14
87016-000	D14
88003-000	D14
88004-000	D14
88016-000	D14
89265-***	E5
8940L-***	E5
8980L-***	E5
99A00-00*	C28
99A16-00*	C28
AB100-00*	A14
AB200-00*	A14
AB300-00*	A14
AEAWS-C1W	C21
AEBC6-000	C21-C22
AEC65-000	C21
AEC80-000	C21
AECCS-VCE	C23
AEHTK-000	C26
AEI55-000	C23
AEI65-000	C21
AEI80-000	C21
AEM65-000	C21
AEMRK-000	C26
AEPI6-KIT	C21
AEPI8-KIT	C21
AEPIS-KIT	C23
AESPP-M**	B64
AESUB-012	C23
APL12-***	B42
APLW6-***	B42
APLW8-***	B42
APPLC-S03	B63
APPSC-S03	B63
APSSC-***	B63
ARSPP-M**	B64
AWSPP-M**	B64
AXSJK-BGM	A12
AXUJK-BWM	A12
AYSPP-M**	B64
BL000-00W	D17
BI186-***	D17
BL186-***	D17
BLWP1-***	D17
BWBC*-***	C28
BWD**-***	C28
BWE**-***	C28
BWI**-***	C28
BWR**-***	C28
BWWFA-000	C28
C0224-000	D4
C0224-OCP	D4
C1253-2CM	A19, E7-E8
C1255-H48	A19
C1586-U48	A19
C1686-U48	A19
C5914-000	H20
CPC12-STD	B39
CPC24-STD	B39
CPC48-STD	B39
CPCSR-***	B44
CPGRD-KIT	B44
CPLOK-KIT	B44
CPS12-STD	B39
CPS24-STD	B39
CPS48-STD	B39
D6700-00E	D16
D6701-00E	D16
D6706-00E	D16
D670K-***	D16
D6710-***	D16
D6720-***	D16
D6721-***	D16
D675E-00E	D16
DP03U-STD	B38
DP04U-STD	B38
DP06U-STD	B38
DPC6U-033	B38
DPC8U-STD	B38
DPC12-066	B38
DPCMP-UNV	B44
DPGRD-KIT	B32, B44
DPLOK-KIT	B44
DPS3U-STD	B38
DPS4U-STD	B38
DPS6U-STD	B38
DUSTK-CAP	B68
E2X**-***	A22, B35-B36, E8
EN928-000	C28
ETRTN-*SC	B64
ETRTN-*TL	B68, F6
F3168-***	B20
FB106-***	B49
FB109-***	B49
FB110-VST	B49
FB112-***	B49
FM-*012BAC0*	B29
FM-*012CAC0+	B29
FM-*024CAC0*	B29
FM -*024CDC0B*	B30
FM -*024NCC0B*	B30
FM -*024NDC0B*	B30
FM -*048NDC0B*	B30
FME2XHD	B50
FP8-**********-*	B49
FP10-**********-*	B49

INDEX | Part Number Index

PART NO.	PAGE
FSHAT-F06	B43
FSHBF-P12	B43
FSHHS-P06	B43
FSHHS-P08	B43
FSHMI-F06	B43
FSHMR-F06	B43
FSHRB-F06	B43
FSHSL-F06	B43
FSSMI-025	B44
FSSMI-040	B44
FSSMR-025	B44
FSSMR-040	B44
FSSRB-P40	B44
FSSSD-040	B44
FSSSD-060	B44
FSSSL-040	B44
FSSSL-060	B44
FTH00-00W	H10
FT-**********-NNBS	B54-B55
FT-**********-NNCS	B55
HDX1A-144	B13
ICONS-IC*	A12
LF145-01W	D18
LI137-***	D18
LI145-***	D18
LI150-***	D18
LJ2P*-03M	B63
MH101-1D1	G6
MH122-1C2	G6
MLCPB-*LG	F6
MRJPB-00*	F6
MV243-1**	G6
MV302-1C6	G6
N3500-STD	B40
N502H-STD	B40
N5300-STD	B40
OIP**-***	E3-E4
P1020-12S	G8
P1021-12S	G8
P1022-12L	G8
P1023-12L	G8
P1024-12L	G8
P1025-12L	G8

PART NO.	PAGE
P1040-10S	G8
P1041-10S	G8
P1042-10L	G8
P1043-10S	G8
P1044-10L	G8
P1045-10L	G8
P1046-10L	G8
P1047-10L	G8
P1070-10S	G8
P1071-10S	G8
P1072-10L	G8
P1073-10S	G8
P1074-10L	G8
PCORD-***	G4, G6
PDURK-RMK	G4, G6
PJ262-***	D11
PLC**-003	B29
PPRTN-*LG	B68
PPRTN-*SC	B64
RE640-***	D12
REA00-00*	D12
REWM1-STS	D12
REWM2-STS	D12
REWP1-***	D12
REWP2-***	D12
REWP3-***	D12
REWP4-***	D12
SGAMP-000	C24
SGC65-***	C22
SGI65-***	C22
SGVCK-***	C24
SGVSM-00W	C24
SGVST-00W	C24
SH081-1D1	G4
SH082-1C2	G4
SPLMT-HKT	B31, B43
SPLCS-***	B31
SPSCS-***	B31
SRJ6*-***	A33
SRJET-00*	A33, F6
SRJPB-00*	A33
SV161-1D1	G4
SV241-1D1	G4

PART NO.	PAGE
SV242-1C2	G4
SV243-1**	G4
T47BF-P06	B43-B44
T47HS-P06	B43-B44
T4LBF-P06	B43-B44
T4LBF-P12	B43-B44
T4LHS-F06	B43-B44
T4LHS-F12	B43-B44
T4LHS-P06	B43-B44
T4LHS-P12	B43-B44
T5LBF-P06	B43-B44
T5LBF-P12	B43-B44
T5LHS-B12	B43-B44
T5LHS-F06	B43-B44
T5LHS-F12	B43-B44
T5LHS-P06	B43-B44
T5PLS-12F	B31
T5PLS-24F	B20, B31
T5632-00W	C26
T6XRB-40Q	B43-B44
TCORD-010	G4
TS901-000	C28
U8LM1-1AE	B50
UJ2P*-03M	B63
UPDCL-***	B63
UPDCT-***	B63
UPDLC-***	B63
UPDSC-***	B63
UPDST-***	B63
UPPLC-KIT	B63
UPPLC-S03	B63
UPPSC-KIT	B63
UPPSC-S03	B63
UPPST-S03	B63
VERPB-019	B48
Z1000-***	E12

LEVITON®
Network Solutions

The following are trademarks of Leviton Manufacturing Company, Inc.:

Atlas-X1™	ez-Learn™	LightSpace®	ROii™
AutoSurge®	FastCAM®	Opt-X®	Spec-Grade™
Cone of Silence®	Fast-Cure®	QuickPack®	Structured Media®
Decora®	GigaMax®	QuickPlate®	Versi-Duct®
DuraPort®	HOME 5e®	QuickPort®	VertiGO®
Excella®	Intact™	Renu®	
eXtreme®	Leviton Architectural Edition®	Replicator®	

For Leviton warranty information, please visit leviton.com/warranties.

Other trademarks used in this catalog are registered as follows:

Allsteel® is a registered trademark of Allsteel, Inc.

Amphenol™ is a trademark of Amphenol Corporation.

Android™ is a trademark of Google Inc.

BIX® is a registered trademark of Nortel.

Cisco, the Cisco logo, and Cisco Systems are trademarks or registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

Clipsal® is a registered trademark of Schneider Electric (Australia) Pty Ltd.

D'Gel® is a registered trademark of Illinois Tool Works.

Elliptical Oblate Spheroidal™, FreeFlow™, PolyPlas™, and Straight-Line Signal Path™ are trademarks of Harman International Industries, Inc.

Ethospace® and Action Office® are registered trademarks of Herman Miller, Inc.

EZ-RJ45® is a registered trademark of SullStar Technologies, Inc.

JBL® is a registered trademark of Harman International Industries, Inc.

Haworth® is a registered trademark of Haworth, Inc.

HDMI® is a registered trademark of HDMI Licensing, LLC.

JackRapid™ is a trademark of Fluke Networks.

Kevlar® is a registered trademark of DuPont or its affiliates.

Klein Tools® is a registered trademark of Klein Tools, Inc.

Knoll® is a registered trademark of Knoll, Inc.

Krone® is a registered trademark of Krone, Inc.

LGX® is a registered trademark of Furukawa.

MTP® is a registered trademark of US Conec, Ltd.

Mylar® is a registered trademark of Dupont Tejjin Films

Series 9000® and Avenir® are registered trademarks of Steelcase, Inc.

speakON® is a registered trademark of Neutrik AG.

SYSTIMAX® and Uniprise® are registered trademarks of CommScope, Inc.

Teknion® is a registered trademark of Teknion Corporation.

VELCRO® is a registered trademark of Velcro Industries B.V.

VISIO® is a registered trademark of Microsoft Corporation.

Westinghouse® is a registered trademark of Westinghouse Corporation.

Wi-Fi® is a registered trademark of Wi-Fi Alliance.

All other trademarks, service marks, and logos used in this catalog are the property of their respective owners.

© Copyright Leviton Manufacturing Co., Inc. 2016.
All rights reserved. All unauthorized quotation and reproduction is forbidden except for brief examples used in reviews of this work by periodical publications where the source of information is credited to Leviton, or the reproduction of this material for the purpose of preparing specifications and/or bids in which Leviton products are indicated. To request permission, please contact the Leviton Network Solutions marketing department at +1.425.486.2222.

Information in this catalog is provided as a guide to product selection and is believed to be correct at time of publication. Because Leviton engages in a continuous program of product improvement, data is subject to change without notice.

LEVITON®
Network Solutions

We invent the industry's best technologies. We build them to last. And we stand behind every product and every installation – delivering industry-leading performance and unbeatable service and support – throughout the life of your structured cabling system. Add in the peace of mind that comes from working with a stable, century-old supplier, and you get far and away the highest return on infrastructure investment.

Leviton Network Solutions Division Headquarters
leviton.com/ns | 2222 - 222nd Street S.E., Bothell, WA 98021 USA

Inside Sales	800.722.2082	insidesales@leviton.com
International Inside Sales	+1.425.486.2222	intl@leviton.com
Technical Support	800.824.3005 / +1.425.486.2222	appeng@leviton.com

Leviton Corporate Headquarters
leviton.com | 201 N. Service Road, Melville, NY 11747 USA

Customer Service	800.323.8920 / +1.631.812.6000	customerservice@leviton.com

Leviton International Offices

Asia / Pacific	+1.631.812.6228	infoasean@leviton.com
Canada	+1.514.954.1840	pcservice@leviton.com
Caribbean	+1.954.593.1896	infocaribbean@leviton.com
China	+852.2774.9876	infochina@leviton.com
Colombia	+57.1.743.6045	infocolombia@leviton.com
Europe	+33.6.8869.1380	infoeurope@leviton.com
India / SAARC	+971.4.886.4722	infoindia@leviton.com
Latin America	+52.55.5082.1040	lsamarketing@leviton.com
Mexico	+52.55.5082.1040	lsamarketing@leviton.com
Middle East & Africa	+971.4.886.4722	lmeinfo@leviton.com
South Korea	+82.2.3273.9963	infokorea@leviton.com

All Other International Inquiries international@leviton.com

5597A / A16