NETWORK
product solutions

VOL.3

Multilink®
Innovation At Work

WORLDWIDE
SALES AND SERVICES

95% of all Multilink products are manufactured in the USA. What that means to you is faster delivery, better quality products, and the satisfaction of knowing you are keeping American workers employed.

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North America	Europe, Middle East & Africa	Latin & South America
Tel: +1 440 366 6966 Fax: +1 440 366 6802 Email: engsupport@gomultilink.com	Tel: +1 440 366 6966 Fax: +1 440 366 6802 Email: engsupport@gomultilink.com	Tel: +1 954 499 9203 Mobile: +1 305 684 2388 Email: quin7594@bellsouth.net

PATENTS & INNOVATIONS

2011
Downspout Raceway System - Pat# 7,964,804 B2
Industry's First Online Fiber Box Configurator

2010
Flex Grid Internal Mounting on Plastic Boxes

2009
Slack Cable Storage Box - Pat# 7,477,829 B2

2008
Slack Cable Storage Box w/ Adjustable Height Spools - Pat# 7,359,611 B1
Slack-N-Roll Storage Device
Dual Wall Heat Transfer System For Outdoor Enclosures
Downspout Raceway

2007
First Web Video Installation Training For Fusion Splicing Training
First Web Video Installation Instruction Training For Power Supply
FTTx Fiber Optic Slack Storage Enclosure
FTTx Overlay Molding For Existing Molding
FTTx Exterior Fiber Optic Slack Storage Enclosure

2005
Drop Fiber Sno-Shoe - Pat# D450,042S
Mulitpath Pavement Duct System
5 Amp Min. Stand By Power Supply
Direct Core Cooling
Open Face Molding

2004
Compression Seal Technology Dome Enclosure
Tech Bag For Handling Converters

2002
Communication Cable Clip - Pat# 6,378,814 B1

2001
Battery Power Supply Source Of Uninterruptible Power Supply - Pat# 6,268,665 B1

2000
Release Of 1st Airflow Power Supply Cabinet - Pat# 6,932443 B1

1999
Patented The 1st UPS With Polarity Of Inverters CCP Tech - Pat# 5,994,793

1998
Fiber Optic Splice Case - Pat# 5,732,180

1997
First Cable Identification Tag - Pat# 387,811

1993
Patented And Trademarked First Plastic Sno-Shoe - Pat# 5,408,571
Architectural Cove Molding For Housing Cable Wires - Pat# D332,941

1992
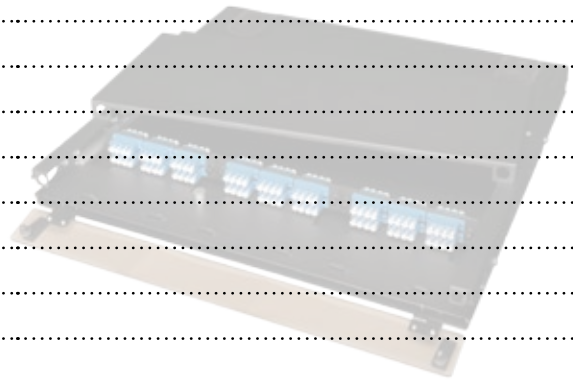Patented First Low Cost Torque Wrench - Pat# 5,152,200

1991
Patented Coring And Stripping Tool For Dielectric Cable - Pat# 5,023,995

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Network Product Solutions
Volume 3

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Multilink's Family of Rack Mount Enclosures

Application

The Multilink family of rack mounted optical termination and in-rack splice enclosures are designed for the interconnection of patch cables, a combination of patching and splicing, or in-rack splicing. All of the enclosures are equipped with universal 19" or 23" rack mounting brackets. The product line supports from 2 to 24 termination panels in a variety of standard RU enclosures. Termination Shelves (TS) are designed with a slide out master panel shelf and allows for storage of splice trays behind the master termination panel. The Patch Splice (PS) enclosures have two separate slide out shelves: One with a termination master panel; the other with a tray support bracket and hinged trays. Swing out (SO) enclosures are designed for narrow depth applications with a hinged swing out master panel and splice tray storage.

Features & Benefits

- Steel and aluminum with a polyester powder coat finish in either standard Black or Off White
- Universal mounting with reversible 19" or 23" mounting brackets
- Swing out or Slide out master termination and splice tray panels
- Patching and splicing capabilities
- Removable front and rear doors for maximum access
- Improved access to network terminations or splices
- Flexibility in rack space with a variety of solutions
- Complete family of low, medium and high capacity distribution
- Available with pre-terminated cabling or pigtails

Multilink in-rack mounted termination enclosures are designed to provide connectivity and distribution solutions. Enclosures are supplied with universal mounting hardware for 19" or 23" mounting. Slide out and swing out master panel style enclosures are designed to support the storage of splice trays. Each enclosure can be ordered fully terminated with cabling or pigtails from the factory, saving valuable installation time and in-field labor expenses. Products with your customized logo are available for OEM or other applications. Units are available in standard Black or Off White.

Swing-Out Style Fiber Distribution Units

FRM-1RU-2X-SO · 12

Stock ID	10-4323 (Black)
	10-4325 (Off White)
Description	Rack Mount FDU 1RU in height with 2 termination panel capacity and swing out master panel tray
Dimensions	1.75" H x 17" W x 11.0" D
Weight	12 lbs.
Material	16 GA Powder Coated Steel
Capacity	(2) Panels
Splice Tray	(2) 1120-SSTA or 1120-SSTP

FRM-2RU-4X-SO · 13

Stock ID	10-4327 (Black)
	10-4326 (Off White)
Description	Rack Mount FDU 2RU in height with 4 termination panel capacity and swing out master panel tray
Dimensions	3.5" H x 17" W x 11.0" D
Weight	13 lbs.
Material	16 GA Powder Coated Steel
Capacity	(4) Panels
Splice Tray	(4) 1120-SSTA or 1120-SSTP

*Adapter Panels Not Included In Units

Specifications subject to change without notice.
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Slide-Out Removable Top Style Fiber Distribution Units

FRM-1RU-3X-TS-S — 21

Stock ID	045-115-10 (Black)
	045-115-11 (Off White)
Description	Rack Mount FDU 1RU in height with split top design and slide out master panel tray
Dimensions	1.75" H x 17" W x 14.0" D
Weight	15 lbs.
Material	.060" Powder Coated Steel
Capacity	(3) Panels
Splice Tray	(1) 2000-SSTA

Customer Favorite

FRM-2RU-6X-TS-S — 30

Stock ID	045-083-10 (Black)
	045-083-11 (Off White)
Description	Rack Mount FDU 2RU in height with 6 termination panel capacity and slide out master panel tray
Dimensions	3.50" H x 17" W x 14.0" D
Weight	19 lbs.
Material	.060" Powder Coated Steel
Capacity	(6) Panels
Splice Tray	(3) 2000-SSTA

FRM-3RU-9X-TS-S — 31

Stock ID	045-152-10 (Black)
	045-152-11 (Off White)
Description	Rack Mount FDU 3RU in height with 9 termination panel capacity and slide out master panel tray
Dimensions	5.25" H x 17" W x 14.0" D
Weight	20.5 lbs.
Material	.060" Powder Coated Steel
Capacity	(9) Panels
Splice Tray	(5) 2000-SSTA

NEW

FRM-4RU-12X-TS-S — 48

Stock ID	045-591-10 (Black)
	045-591-11 (Off White)
Description	Rack Mount FDU 4RU in height with 12 termination panel capacity and slide out master panel tray
Dimensions	6.88" H x 17" W x 14.0" D
Weight	26 lbs.
Material	.060" Powder Coated Steel
Capacity	(12) Panels
Splice Tray	(8) 2000-SSTA

*Adapter Panels Not Included In Units

High Density Fiber Distribution Units

FRM-1RU-3X-TS-HD · 39

Stock ID	045-339-10 (Black)
	045-339-11 (Off White)
Description	High Density Rack Mount FDU 1RU with split top design and locking slide out master panel tray
Dimensions	1.75" H x 17" W x 16" D
Weight	17 lbs.
Material	.060" Powder Coated Steel
Capacity	(3) Panels
Splice Tray	(2) 4072-SSTP

FRM-2RU-6X-TS-HD · 40

Stock ID	045-382-10 (Black)
	045-382-11 (Off White)
Description	High Density Rack Mount FDU 2RU with split top design and locking slide out master panel tray
Dimensions	3.5" H x 17" W x 16" D
Material	Powder Coated Aluminum
Capacity	(6) Panels
Splice Tray	(4) 4072-SSTP

FRM-3RU-9X-TS-HD · 41

Stock ID	045-418-10 (Black)
	045-418-11 (Off White)
Description	High Density Rack Mount FDU 3RU with split top design and locking slide out master panel tray
Dimensions	5.25" H x 17" W x 16" D
Material	Powder Coated Aluminum
Capacity	(9) Panels
Splice Tray	(6) 4072-SSTP

FRM-4RU-12X-TS-HD · 42

Stock ID	045-391-10 (Black)
	045-391-11 (Off White)
Description	High Density Rack Mount FDU 4RU with split top design and locking slide out master panel tray
Dimensions	7" H x 17" W x 16" D
Material	Powder Coated Aluminum
Capacity	(12) Panels
Splice Tray	(8) 4072-SSTP

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High Density Fiber Distribution Units

NEW

Features & Benefits
- 72 Fiber capacity in 1 Rack Unit
- Convenient split-top design
- Durable powder coat finish available in black or off white
- Patching and splicing capabilities
- Locking master panel
- Increased fiber management
- Available pre-terminated

This rack mounted fiber distribution unit provides high density fiber capacity of up to 72 fibers when utilizing the adapter panels shown and two of our 4072-SSTP splice trays (not included). The slide out master panel tray locks into the retracted and fully extended positions. The split top design allows for easy termination access while bridge lances that run along the front of the unit provide easy tie down ability for fiber management entering or exiting the unit.

Featured Product

FRM-1RU-3X-TS-HD
Stock ID: 045-339-10

FRM-8RU-24X-TS-HD

44

Stock ID	045-583-10 (Black)
	045-583-11 (Off White)
Description	High Density Rack Mount FDU 8RU in height with split top design and slide out master panel tray
Dimensions	13.88" H x 17" W x 16" D
Material	Powder Coated Aluminum
Capacity	(24) Panels
Splice Tray	(16) 4072-SSTP

Slide-Out Style Fiber Distribution Units

FRM-2RU-4X-TS   14

Stock ID	10- 4457 (Black - Steel)
	10- 4533 (Black - Aluminum)
	10- 4453 (Off White - Aluminum)
Description	Rack Mount FDU 2RU in height with 4 termination panel capacity and slide out master panel tray
Dimensions	3.5" H x 17" W x 14.0" D
Finish	Polyester Powder Coated
Weight	*Steel* - 22 lbs.
	Aluminum - 12 lbs.
Capacity	(4) Panels
Splice Tray	(2) 2000-SSTA

FRM-3RU-6X-TS   15

Stock ID	10-4538 (Black - Steel)
	10-4540 (Black - Aluminum)
	10-4455 (Off White - Aluminum)
Description	Rack Mount FDU 3RU in height with 6 termination panel capacity and slide out master panel tray
Dimensions	5.25" H x 17" W x 14.0" D
Finish	Polyester Powder Coated
Weight	*Steel* - 24 lbs.
	Aluminum - 13 lbs.
Capacity	(6) Panels
Splice Tray	(3) 2000-SSTA

FRM-4RU-12X-TS   16

Stock ID	10-4534 (Black - Steel)
	10-4536 (Black - Aluminum)
	10-4456 (Off White - Aluminum)
Description	Rack Mount FDU 4RU in height with 12 termination panel capacity and slide out master panel tray
Dimensions	7.0" H x 17" W x 14.0" D
Finish	Polyester Powder Coated
Weight	*Steel* - 26 lbs.
	Aluminum - 14 lbs.
Capacity	(12) Panels
Splice Tray	(8) 2000-SSTA

*Adapter Panels Not Included In Units

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Slide-Out Style Fiber Distribution Units

FRM-8RU-24X-TS `17`

Stock ID	10-4546 (Black) 10-4545 (Off White)
Description	Rack Mount FDU 8.5RU in height with 24 termination panel capacity and dual slide out master panel trays
Dimensions	14.88" H x 17" W x 14.0" D
Weight	19 lbs.
Material	060" Powder Coated Aluminum
Capacity	(24) Panels
Splice Tray	(16) 2000-SSTA (8 trays on each Slide out Master Panel Tray)

Slide-Out Style Combination Patch & Splice Distribution Units

FRM-4RU-4X-PS (Includes 1 4048 splice tray) `18`

Stock ID	10-5270 (Black) 10-2146 (Off White)
Description	Rack Mount FDU 4RU in height with slide out master panel with 4 termination capacity and separate splice out splice tray panel
Dimensions	7.0" H x 17" W x 14.0" D
Weight	16 lbs.
Material	.060" Powder Coated Aluminum
Capacity	(4) Panels
Splice Tray	(4) 4048-SSTP or (4) 4072-SSTP

FRM-8RU-12X-PS (Includes 1 4048 splice tray) `19`

Stock ID	10-8584 (Black) 10-8585 (Off White)
Description	Rack Mount FDU 8.5RU in height with slide out master panel with 12 termination capacity and separate splice out splice tray panel
Dimensions	14.88" H x 17" W x 14.0" D
Weight	20 lbs.
Material	.060" Powder Coated Aluminum
Capacity	(12) Panels
Splice Tray	(8) 4048-SSTP or (8) 4072-SSTP

*Adapter Panels And Splice Trays Not Included In Units
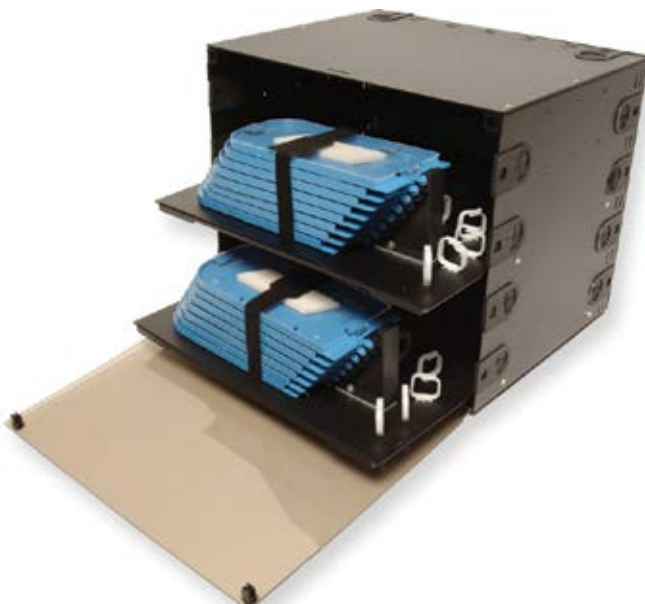
Slide-Out Style Splice Shelves

FRM-3RU-SS (Includes 1 4048 splice tray)

Stock ID	10-8572 (Black)
	10-8574 (Off White)
Description	Rack Mount 3RU in height slide out master splice tray support panel
Dimensions	5.25" H x 17" W x 14.0" D
Weight	-
Material	.060" Powder Coated Aluminum
Capacity	(4) 24 Fiber Splice Trays
Splice Tray	(4) 4048-SSTP or (4) 4072-SSTP

FRM-4RU-SS (Includes 1 4048 splice tray)

Stock ID	10-8568 (Black)
	10-8570 (Off White)
Description	Rack Mount 4RU in height slide out master splice tray support panel
Dimensions	7.0" H x 17" W x 14.0" D
Weight	-
Material	.060" Powder Coated Aluminum
Capacity	(8) 24 Fiber Splice Trays
Splice Tray	(8) 4048-SSTP or (8) 4072-SSTP

FRM-8RU-SS (Includes 1 4048 splice tray)

Stock ID	10-8558 (Black)
	10-8583 (Off White)
Description	Rack Mount 8.5RU in height slide out master splice tray support panel
Dimensions	14.88" H x 17" W x 14.0" D
Weight	-
Material	.060" Powder Coated Aluminum
Capacity	(16) 24 Fiber Splice Trays (8 on each shelf)
Splice Tray	(16) 4048-SSTP or (16) 4072-SSTP

*Splice Trays Not Included In Units

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In-Rack Patch Enclosure Solutions

FF-RM-12X | 20

Stock ID	10-1038 (Black)
	10-6450 (Off White)
Description	Rack Mount 4RU in height fixed master panel with integrated horizontal and vertical jumper guides
Dimensions	7.0" H x 17" W x 14.0" D
Weight	9.5 lbs.
Material	.060" Powder Coated Aluminum
Capacity	(12) Panels

Main unit is offset 15/16" from front of brackets

FRM-1RU-2X-TS-DOT | 46

Stock ID	045-586-10 (Black)
Description	Rack Mount 1RU in height made for a 19" or 23" rack width. Features slide-off cover, 2 fixed bulkhead positions, and 2 captive grommets for cable entry.
Dimensions	1.72" H x 12.25" W x 7.68" D (excluding brackets)
Weight	5.1 lbs.
Material	Powder Coated Steel
Capacity	(2) Panels
	(1) 612-SSTP Splice Tray

Rack / Wall Mount Enclosure

Shown with covers removed

FRWM-1RU-3X-TS | 36

Stock ID	045-236-10 (Black)
Description	Rack or Wall Mount 1RU in height with fixed bulkhead bracket and large fiber management spools
Dimensions	1.75" H x 17" W x 13.8" D
Weight	16 lbs.
Material	.060" Powder Coated Steel
Capacity	(3) Panels
	(1) 2000-SSTA

*Adapter Panels Not Included In Units

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Optional Rack Mount Equipment

Sliding Drawer Shelves

Stock ID	*1RU* - 045-372-10
	2RU - 045-163-10
Description	19" Rack Mount Drawer
Dimensions	*1RU* - 1.75" H x 19" W x 16.02" D
	2RU - 3.65" H x 19" W x 16.02" D
Material	Powder Coated Aluminum
Capacity	*1RU* - 1.27" H x 16.25" W x 15.63" D
	2RU - 3.54" H x 16.25" W x 15.63" D

The Multilink Rack Mount Sliding Drawer Shelf is available 1RU or 2RU in height and designed for 19" rack mounting only. Drawer fully extends from rack and can also be used as a shelf for a laptop or test equipment. (Includes mounting hardware)

FRM-1RU-3X Bulkhead

Stock ID	065-060-10
Description	19" Rack Mount Patch Panel 1RU w/ 10-32 & 12-24 hardware included
Material	Powder Coated Steel
Capacity	3 Adapter Panels

FRM-1RU-3X Bulkhead w/ Shelf

Stock ID	072-035-10
Description	19" Rack Mount Bulkhead with Shelf for Slack Storage w/ 10-32 & 12-24 hardware included
Dimensions	1.75" H x 19" W x 8" D
Material	Powder Coated Steel
Capacity	3 Adapter Panels

FRM-1RU Shelf

Stock ID	072-043-10
Description	19" Rack Mount Shelf 1RU
Dimensions	1.75" H x 19" W x 12" D
Material	Powder Coated Steel
Capacity	30 lbs.

FRM-RU Filler Panels

Stock ID	*1RU* - 072-046-10
	2RU - 072-046-20
	3RU - 072-046-30
	4RU - 072-046-40
Description	19" Rack Mount Filler Panels
Material	Powder Coated Steel

Rack Enclosure Accessories

Lock & Key for Rack Mount Enclosures

Stock ID	99534
Description	Lock and Key for Lexan Doors of Rack Mount Enclosures

Ask for 99534 to be installed on your rack mount enclosure
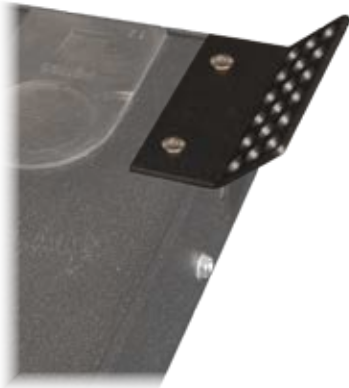
Strain Relief Kit (1RU)

Stock ID	065-249-10
Description	Strain Relief Bracket for 1RU Rack Mount Enclosures with bracket and tie straps
Material	Powder coated steel, plastic straps

Strain Relief Kit (2RU or larger)

Stock ID	065-151-10
Description	Strain Relief Bracket for Rack Mount Enclosures
Diameter	Ø.300 - .790"
Material	Powder coated steel, rubber grommets
Grommets	(1) Ø .300 - .400", (1) Ø .410 - .500", (1) Ø .510 - .790"

Multilink's Family of Wall Mount Enclosures

The Multilink family of wall mounted optical termination enclosures are designed to provide solutions for both the interconnection of patch cabling and a combination of patching and splicing. The family accommodates from a single termination panel up to 16 termination panels. Depending on the type of optical termination panel used, enclosures can support up to 192 terminations. The family of enclosures is separated into several application specific groups to support the level of termination capacity and feature sets required for the enclosures mount location.

Features & Benefits
- Durable Steel or Aluminum with a polyester powder coat finish in either standard Black or Off White.
- Several units are designed with additional means of security but maintaining ease in access for craft personnel.
- Individual compartments for separation of network and distribution terminations.
- Wide range of sizes and feature sets to accommodate specific application requirements.
- Easy to install, load, and maintain.
- Available with loaded termination panels and pre-connectorized pigtails.
- Durable construction.

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Standard Single Outer Door Fiber Distribution Units

Multilink wall mount enclosures are designed to provide connectivity and distribution solutions. Enclosures are divided into several groups to meet application specific requirements such as Construction Grade, Single Door, Dual Door, Added Security, NEMA 4 and NEMA 12. Products with your customized logo are available for OEM or other applications. Units are available in standard Black or Off White unless specified.

MultiLite Construction Grade Fiber Distribution Units

WM-2X · 26

Stock ID	10-7944 Black Only
Description	Wall mount single outer door construction grade distribution unit with 2 termination panel capacity
Dimensions	9.25" H x 13" W x 3.5" D
Box Weight	7 lbs.
Material	18 GA Powder Coated Steel
Capacity	(2) Panels
Splice Tray	(2) 1120-SSTA or 1120-SSTP

WM-4X · 27

Stock ID	10-7945 Black Only
Description	Wall mount single outer door construction grade distribution unit with 4 termination panel capacity
Dimensions	11.5" H x 13" W x 3.5" D
Box Weight	8 lbs.
Material	18 GA Powder Coated Steel
Capacity	(4) Panels
Splice Tray	(4) 1120-SSTA or 1120-SSTP

WM-8X · 28

Stock ID	10-7790 Black Only
Description	Wall mount single outer door construction grade distribution unit with inner network compartment security door and 8 termination panel capacity
Dimensions	12" H x 17" W x 6" D
Box Weight	15 lbs.
Material	18 GA Powder Coated Steel
Capacity	(8) Panels
Splice Tray	(8) 1120-SSTA or 1120-SSTP

*Adapter Panels Not Included In Units

Standard Single Outer Door Fiber Distribution Units

FWM-1X 32

Stock ID	045-164-10 / FWM-1X-BK, Black
	045-164-11 / FWM-1X-OW, Off White
Description	Compact indoor wall mount enclosure for inter connectivity and termination of optical fibers
Panels	(1) Multilink Adapter Panels (see individual panel capacities)
Dimensions	6.30" H x 5.50" W x 1.57" D
Fiber Capacity	(1) Fiber Spool
Material	18 Gauge Steel
Coating	Electrostatic polyester powder coat paint, available in Black & Off White

FWM-1X-SP 33

Stock ID	045-187-10 / FWM-1X-SP-BK, Black
	045-187-11 / FWM-1X-SP-OW, Off White
Description	Compact indoor wall mount enclosure for inter connectivity and termination of optical fibers
Panels	(1) Multilink Adapter Panels (see individual panel capacities)
Dimensions	6.30" H x 5.50" W x 1.57" D
Fiber Capacity	(12) Single Splice Holder
Material	18 Gauge Steel
Coating	Electrostatic polyester powder coat paint, available in Black & Off White

FWM-2X-PH 35

Stock ID	045-178-10 (Black)
	045-178-11 (Off White)
Description	Compact indoor wall mount enclosure for inter connectivity and termination of optical fiber
Dimensions	10" H x 8.22" W x 3.81" D
Material	16 GA Gauge Steel
Capacity	(2) Multilink Adapter Panels
Splice Tray	(2) 1120-SSTA or 1120-SSTP

*Adapter Panels And Fiber Are Not Included In Units

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Standard Lockable Fiber Distribution Units

FWM-2X-LC 01

Stock ID	10-2012 (Black)
	10-2730 (Off White)
Description	Wall mount single outer door distribution unit with inner network compartment security door and 2 termination panel capacity
Dimensions	10.2" H x 12" W x 3.5" D
Box Weight	8 lbs.
Material	18 GA Powder Coated Steel
Capacity	(2) Panels
Splice Tray	(2) 1120-SSTA or 1120-SSTP

FWM-4X-LC 02

Stock ID	10-1914 (Black)
	10-2714 (Off White)
Description	Wall mount single outer door distribution unit with inner network compartment security door and 4 termination panel capacity
Dimensions	12" H x 12" W x 3.5" D
Box Weight	9 lbs.
Material	18 GA Powder Coated Steel
Capacity	(4) Panels
Splice Tray	(4) 1120-SSTA or 1120-SSTP

FWM-4X-D 08

Stock ID	99024BK (Black)
	99024K (Off White)
Description	Wall mount dual outer door distribution unit with lockable network compartment door and 4 termination panel capacity
Dimensions	10.8" H x 12" W x 4" D
Box Weight	10 lbs.
Material	16 GA Powder Coated Steel
Capacity	(4) Panels
Splice Tray	(4) 1120-SSTA or 1120-SSTP

FWM-9X-D 09

|	
Stock ID	10-5283 (Black)
	10-5281 (Off White)
Description	Wall mount dual outer door distribution unit with lockable network and distribution compartment doors and 9 termination panel capacity
Dimensions	17" H x 21.2" W x 5" D
Box Weight	23 lbs.
Material	16 GA Powder Coated Steel
Capacity	(9) Panels
Splice Tray	(3) 2000-SSTA

*Adapter Panels Not Included In Units

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Splice Tray Management & Storage Units
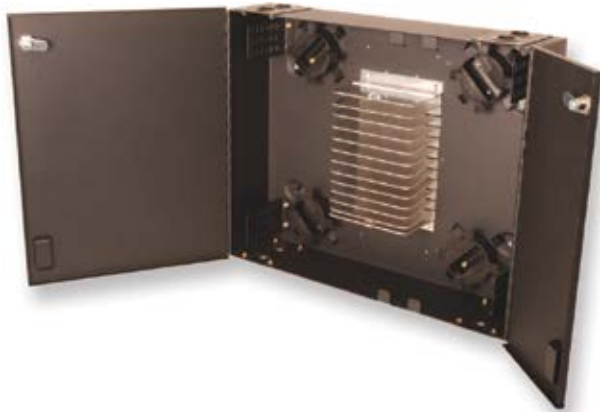
FWE288XH (Splice tray not included)

Stock ID	045-063-10 (Black Only)
Description	Economy 288 port wall mount unit, double door
Dimensions	17" H x 21.2" W x 5" D
Box Weight	23 LBS.
Material	16 Gauge Steel
Capacity	12 splice trays, single fusion, ribbon, or mechanical
Splice Tray	(12) 1120-SSTA or 1120-SSTP
	(12) 2000-SSTA
	(12) 2020-SSTP

NEW

FWM-0X-N1-3

Stock ID	045-139-10 (Beige Only)
Description	Wall mount splice tray storage and distribution unit with padlockable and removable outer door. 3 Splice trays included.
Dimensions	17.5" H x 9" W x 4" D
Material	16 GA Powder Coated Steel
Capacity	(3) Splice Trays
Splice Tray	1120-SSTA

FIBER MANAGEMENT
Optical Splice Enclosure / OSE 384/576

OSE 384/576

Stock ID	045-009-10 / OSE 384/576 Black
	045-009-11 / OSE 384/576 Off White
Description	Wall mounted central splicing and cable management enclosure
Dimensions	32" H x 30" W x 15.25" D
Box Weight	47 lbs.
Material	.080" Aluminum
Capacity	(16) Splice Trays
Splice Tray	(16) 4048-SSTP or (16) 4072 SSTP

Features & Benefits
- Compact design with high splice storage capacity
- Single outer and removable door
- Lightweight but durable .080" Aluminum
- All Corrosion resistant materials with outer protective polyester powder coating

*Splice Trays And Fiber Not Included In Units

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Added Security Dual Door Fiber Distribution Units

FF-WM-2X 05

Stock ID	10-4469 (Black) 10-2539 (Beige) 10-6707 (Off White)
Description	Compact wall mount dual outer door distribution unit with 2 termination panel capacity and integrated network compartment and removable style locking door
Dimensions	6" H x 12" W x 5.5" D
Box Weight	8 lbs.
Material	16 GA Powder Coated Steel
Capacity	(2) Panels
Splice Tray	(2) 1120-SSTA or 1120-SSTP

FF-WM-4X 06

Stock ID	10-4462 (Black) 10-2542 (Beige) 10-6706 (Off White)
Description	Compact wall mount dual outer door distribution unit with 4 termination panel capacity and integrated network compartment work shelf and removable style locking door
Dimensions	11" H x 14" W x 4.5" D
Box Weight	12 lbs.
Material	16 GA Powder Coated Steel
Capacity	(4) Panels
Splice Tray	(2) 1120-SSTA or 1120-SSTP

FF-WM-8X 29

Stock ID	045-030-10 (Black) 045-030-11 (Off White)
Description	Compact wall mount dual outer door distribution unit with 8 termination panel capacity and integrated network compartment work shelf and removable style locking door
Dimensions	16" H x 20" W x 6.5" D
Box Weight	24 lbs.
Material	16 GA Powder Coated Steel
Capacity	(8) Panels
Splice Tray	(4) 2000-SSTA

*Adapter Panels Not Included In Units

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Outdoor Style Fiber Distribution Units

FWM-2X-N1 (with termination panel)
FWM-0X-N1 (without termination panel)
ICM-2X (optional termination panel)   22

Stock ID	10-4870 - FWM-2X-N1 (Beige Only)
	10-9867 - FWM-0X-N1 (Beige Only)
	10-7812 - ICM-2X
Description	Wall mount distribution unit with lockable and removable single outer door. Available as a 2 panel termination and splice or splice only unit
Dimensions	17.5" H x 9" W x 4" D
Material	16 GA Powder Coated Steel
Capacity	(2) Panels
Splice Tray	(2) 1120-SSTA or 1120-SSTP (4 trays if no termination panel unit used)
Compliances	NEMA Type 1

FWM-2X-N4D   23

Stock ID	045-060-10 (Beige Only)
Description	Wall mount single outer door distribution unit with lockable network compartment door and 2 termination panel capacity
Dimensions	13" H x 13.7" W x 5.75" D
Material	.08" Powder Coated Aluminum
Capacity	(2) Panels
Splice Tray	(2) 1120-SSTA or 1120-SSTP
Compliances	NEMA Type 1, 4 *(Mounting kit required for NEMA 4 compliance)*
Mounting Kit	072-105-11
Pole Kit	072-060-10

FWM-4X-N4D   24

Stock ID	045-080-10 (Beige Only)
Description	Wall mount single outer door distribution unit with lockable network compartment door and 4 termination panel capacity
Dimensions	14" H x 14" W x 7" D
Material	.08" Powder Coated Aluminum
Capacity	(4) Panels
Splice Tray	(4) 2000-SSTA
	(4) 1120-SSTA or 1120-SSTP
Compliances	NEMA Type 1, 4 *(Mounting kit required for NEMA 4 compliance)*
Mounting Kit	072-105-11
Pole Kit	072-051-10

FWM-12X-N4D   25

Stock ID	045-042-10 (Beige Only)
Description	Wall mount single outer door distribution unit with lockable network compartment door and 12 termination panel capacity
Dimensions	22.4" H x 19.5" W x 10.5" D
Material	.08" Powder Coated Aluminum
Capacity	(12) Panels
Splice Tray	(6) 3000-SSTA
Compliances	NEMA 1, 4 *(Mounting kit required for NEMA 4 compliance)*
Mounting Kit	072-105-11
Pole Kit	072-061-10

*Adapter Panels, Fiber, and Splice Trays Not Included In Units

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Outdoor Style Fiber Distribution Units

Lockable Draw-Latch

FF-OCS-6X   11

Stock ID	10-3338 (Gray Only)
Description	Wall mounted NEMA 1, 2, 3S, 4, 4X, 12 & 13 rated enclosure with a single outer door and inner network security door. 6 Panel termination capacity and field drilled cable entries using standard weather tight conduit fittings.
Dimensions	Outside - 18" H x 16" W x 10" D
Weight	Inside - 16" H x 14" W x 7" D
Material	10 lbs.
Capacity	Impact and Weather Resistant Plastic
Splice Tray	(6) Panels
	(4) 1120-SSTA or 1120-SSTP
Options	NPT Cable Entrance Kit (065-016-10)

Cable Addition Kit

Stock ID	065-016-10
Description	Cable Addition Kit for Branch or Lateral Cable Additions, .3"- .98"
UOM	Each

Grommet Inserts For 1" NPT Fittings

Stock ID	10-5552	10-5127	10-5128	10-6550	10-5129	10-6552	10-6002	10-5130	10-5134	065-082-10
10 Pack ID	10-5553	10-5421	10-5422	10-6551	10-5419	10-6553	10-6003	10-5483	10-5420	N/A
# of Ports	1	1	1	8	6	4	4	4	4	1-SC
Cable Size	.3"-.4"	.41"-.5"	.51"-.79"	.150"	.265	.300	.350	.370	Flat Drop	SC Outdoor
Weight	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.2 lbs.

NEW **Plastic Fiber Distribution Units**

### FWP-4SC-4SP

Stock ID	020-124-20
Description	Wall mounted, plastic distribution unit with removable cover and swing out slack tray.
Dimensions	4.3" H x 6" W x 1.2" D
Material	Plastic
Capacity	(4) SC Connections (4) Splices

FWP-16SC-24SP

Stock ID	020-120-20
Description	Wall mount distribution box with flip-up patch panel, and fixed splice tray below
Dimensions	12" H x 10.25" W x 3.75" D
Material	Plastic
Capacity	(16) SC Connections (24) Splices

Featured Product

FWP-8SC-12SP
Stock ID: 020-118-20

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Plastic Fiber Distribution Units

NEW
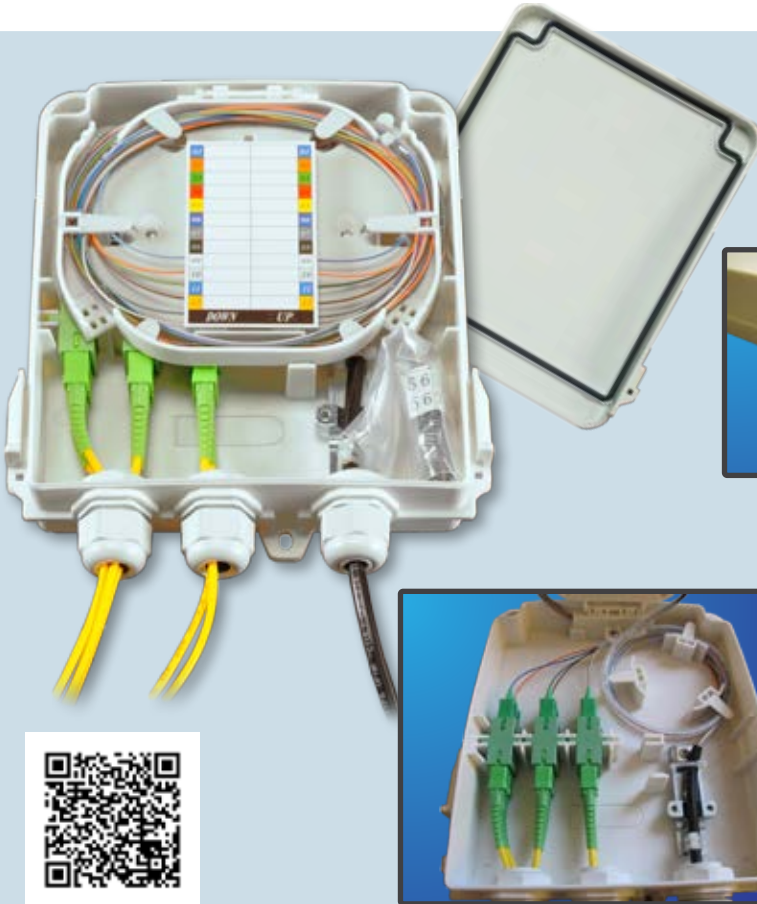
RNI-1500 w/ Fiber Distribution Configuration

Stock ID	020-098-10
Description	Indoor/Outdoor Plastic Wall Enclosure RNI-1500
Dimensions	12.27" W x 11.88" H x 4.86" D
Capacity	(2) Adapter Panels and (2) 612 Splice Trays
Material	UV Stabilized Plastic, Gray (can be painted with latex paint)
Cable Entry	Multiple Entry Points at Bottom of Enclosure

FWP-4SC-12SP

Stock ID	020-125-20
Description	Wall mount distribution box with removable outer door and fixed splice chip
Dimensions	6" H x 4.13" W x 1.25" D
Material	Plastic
Capacity	(4) SC Connections (12) Splices

FWP-8SC-24SP

Stock ID	020-123-20
Description	Wall mount distribution box with flip-up outer door, fixed adapter panel, and dual splice trays
Dimensions	10.4" H x 6.1" W x 2.2" D
Material	Plastic
Capacity	(8) SC Connections (24) Splices

The FWP-8SC-12SP is one of a new family of plastic fiber wall mount boxes for fiber to the home. The box is light, compact, and designed to connect and protect your FTTH cables. Within this box you can easily route up to 8 SC connections and up to 12 single fusion splices utilizing outdoor cables or indoor soft cables. This enclosure is also IP 65/NEMA 13 compliant and easily secured with the sliding shackle and tie-straps.

FWP-8SC-12SP

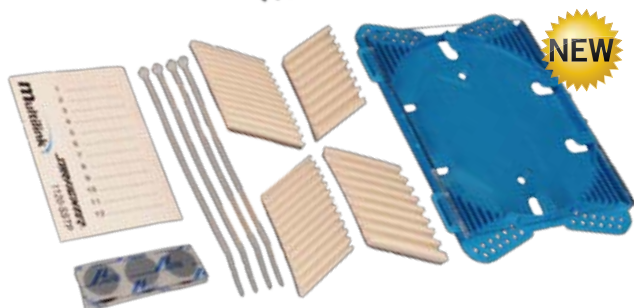|	
Stock ID	020-118-20
Description	Wall mounted, plastic distribution unit with removable cover and swing out splice panel.
Dimensions	8.3" H x 6.9" W x 2" D
Material	Plastic
Capacity	(8) SC Connections (12) Splices

Splice Trays

All of the Multilink splice trays are universal to the industry. These trays are compatible with all of our enclosures. The splice trays provide protection and organization of fiber splices. Adhesive backed fiber insert holders and assorted cable ties included (grommets included on the 3030-SSTP).
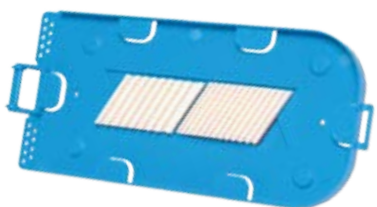
2000-SSTA — X2

Stock ID	70506K
Model #	2000-SSTA
Description	24 Single Fusion Splice Tray
Dimensions	11.75" L x 4" W x .5" D
Weight	Approx. 0.65 lbs.
Material	Aluminum
Capacity	24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fusion Splices

3000-SSTA — X6

Stock ID	70505K
Model #	3000-SSTA
Description	24 Single Fusion Splice Tray
Dimensions	7.75" L x 6" W x .5" D
Weight	Approx. 0.54 lbs.
Material	Aluminum
Capacity	24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fusion Splices

2020-SSTP — X3

Stock ID	70709K
Model #	2020-SSTP
Description	24 Single Fusion Splice Tray
Dimensions	12.25" L x 4" W x .5" D
Weight	Approx. 0.54 lbs.
Material	Plastic Base w/ Aluminum Cover
Capacity	24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fusion Splices

Splice Trays

All of the Multilink splice trays are universal to the industry. These trays are compatible with all of our enclosures. The splice trays provide protection and organization of fiber splices. Adhesive backed fiber insert holders and assorted cable ties included (grommets included on the 3030-SSTP).

612-SSTP — X8

Stock ID	065-209-10
Model #	612-SSTP
Description	12 Single Fusion Splice Tray
Dimensions	6" L x 2.75" W x .75" D
Weight	Approx. 0.10 lbs.
Material	Plastic
Capacity	12 Single Fusion Splices Only
	40mm Splice Sleeve Only

1120-SSTP — X9

NEW

Stock ID	072-059-10
Model #	1120-SSTP
Description	12 Single Fusion Splice Tray
Dimensions	6.5" L x 5.13" W x 0.5" D
Weight	Approx. 0.20 lbs.
Material	Plastic
Capacity	12 Single Fusion Splices Only
	40mm Splice Sleeve Only

4048-SSTP — X4

Stock ID	10-8007
Model #	4048-SSTP
Description	24 Single Fusion Splice Tray
Dimensions	9.75" L x 4.5" W x .5" D
Weight	Approx. 0.60 lbs.
Material	Plastic
Capacity	24 Single Fusion Splices (48 Dual Stacked), 16 Mechanical Splices, or 96 Mass Fusion Splices

4072-SSTP — X5

Stock ID	065-001-10
Model #	4072-SSTP
Description	36 Single Fusion Splice Tray
Dimensions	10.75" L x 5.75" W x .5" D
Weight	Approx. 0.60 lbs.
Material	Plastic
Capacity	36 Single Fusion Splices (72 Dual Stacked), 24 Mechanical Splices, or 144 Mass Fusion Splices

3030-SSTP — X7

Stock ID	70706K
Model #	3030-SSTP
Description	24 Single Fusion Splice Tray
Dimensions	8.25" L x 5.75" W x .5" D
Weight	Approx. 0.50 lbs.
Material	Plastic
Capacity	24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fusion Splices

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Fiber Distribution Pedestals

NEW

An Outside Plant Pedestal designed for splicing and termination fiber optic cable. The peds split base design allows for ring cutting of the fiber optic cable for mid-span access, and termination of up to 48 drop cables utilizing SC Duplex style adaptors. The optical splitters used within this product are a fused biconic design and housed within the lower splice tray. The pedestal includes one 24 fiber splice tray, and all the hardware required to secure three cables. This design also lends itself to cross-connect applications saving the expense of a stand-alone cabinet.

Construction

Material	Base - HDPE High Density Poly Ethylene Cover - LDPE Low Density Poly Ethylene Rotomolding Frame & Termination Plate - Aluminum
Hardware	Stainless Steel
Plate Finish	Polyester Powder Coat

Cover	Removable cover slides on top of unit and is secured by hex-head bolt
Cable Entrance	Bottom Open For Concrete Pad, Or Vault Mounting
Capacity	(24) SC Duplex Adapters (2) 4048-SSTP Splice Trays (1 Included)

Stock ID	Description	Dimensions	UOM
020-135-20	48 SC Fiber Distribution Pedestal	31"H x 10"W x 10"D	Each
10-8007	4048-SSTP 24ct. Single Fusion Splice Tray	-	Each

For more information on additional sizes, pricing, and availability please contact your Customer Service Representative.

Rack and Wall Mount FDU Configurator

WE'VE TAKEN THE GUESS WORK OUT OF PRETERMINATED PANELS

CONFIGURE FIBER ENCLOSURES ONLINE AND REQUEST A QUOTE IN JUST A FEW SIMPLE STEPS

1.) Select the product you would like to configure
2.) Click on the Configurations tab
3.) Configure the product to your preferred specifications
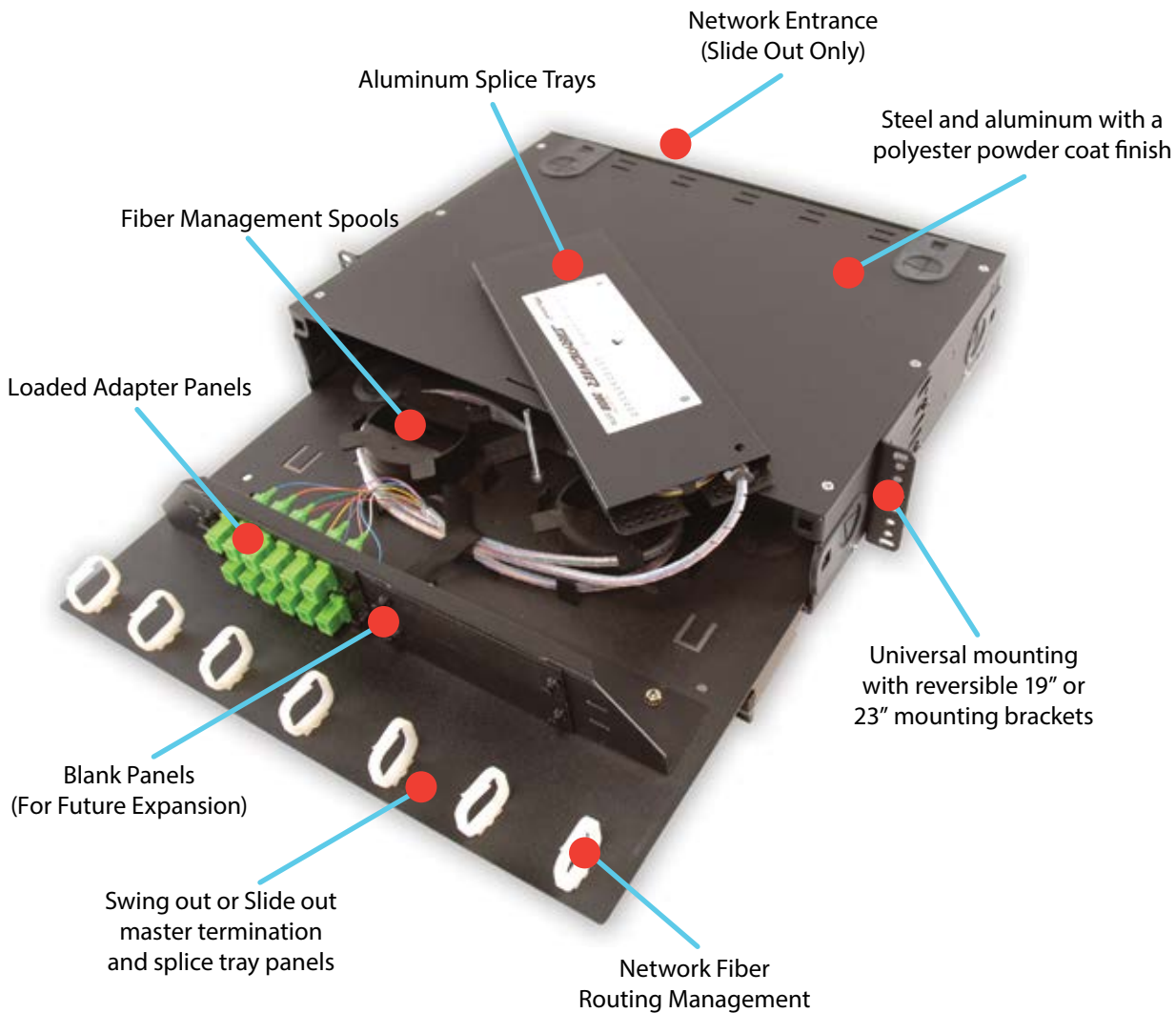4.) Click the Request Quote button

FWMO12XLC
FWMO24XLC
FF-MINI-WM12
FF-FOH
FF-WM-012
FF-WM-024
FWMO12XD
FWMO24X
FWMO54X
FWM-312410
FF-OCS036
FWM-2X-N4
FWM-2X-N4D
FWM-4X-N4D
FWM-12X-N4D
WM-2X
WM-4X
WM-8X
FF-WM-8X
FWM-1X-BK
FWM-1X-SP-BK
FF-MINI-WM12PS
FWMO12XPHBK
RNI-1000
RNI-1500
FRM-1RU-2X-SO
FRM-1RU-3X-TS
FRM-2RU-4X-SO
-2RU-4X-TS
RU-6X-TS
6X-TS
X-TS
X-TS
PS
X-TS
PS
D

FDU CONFIGURATOR
take the confusion out of loaded fiber enclosures

Ask For Your FREE Configurator Intro Kit Today!

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Rack and Wall Mount FDU Configurator

Network Entrance
(Slide Out Only)

Aluminum Splice Trays

Steel and aluminum with a
polyester powder coat finish

Fiber Management Spools

Loaded Adapter Panels

Universal mounting
with reversible 19" or
23" mounting brackets

Blank Panels
(For Future Expansion)

Swing out or Slide out
master termination
and splice tray panels

Network Fiber
Routing Management

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Rack and Wall Mount FDU Configurator

ML-☐ – ☐–☐ – ☐ – ☐ – ☐ – ☐ – ☐
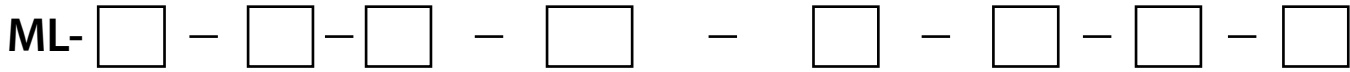
ML - 02 - 24 - B - ST6 - MP - 003 - 21 - 12

Translates:
FWM024XLC, 24 loaded ports, Black, ST 6 Port Multimode, Multifiber pigtails, 3 meters in length, equipped with 2 of the 1120-SSTA trays

Enclosure Type	# Of Conn.	Color	Adapter	Pigtail	Length (Meters)	Splice Tray***	Splice Count
WALL MOUNTS							
01 FWM-2X-LC	006	B-Black	SCS=SC Simplex MM	00=None	00X**	X2=2000-SSTA	24
02 FWM-4X-LC	012	O-Off White	SCD=SC Duplex MM	T9=900µm (spiral wrap)		X3=2020-SSTP	24
05 FF-WM-2X	018	BE-Beige*	SUS=SC Simplex SM	T3=3mm		X4=4048-SSTP	24
06 FF-WM-4X	024	G-Gray*	SUD=SC Duplex SM	MD=Module		X5=4072-SSTP	36
08 FWM-4X-D	030		SAS=SC/APC Simplex SM	MP=Multifiber		X6=3000-SSTA	24
09 FWM-9X-D	036		SAD=SC/APC Duplex SM	OSP=OSP Dielectric Cable		X7=3030-SSTP	24
11 FF-OCS-6X	042		SGS=SC Simplex 10Gig	OSA=OSP Armored Cable		X8=612-SSTP	12
22 FWM-2X-N4	048		SGD=SC Duplex 10Gig	RBN=Ribbon		X9=1120-SSTP	12
23 FWM-2X-N4D	054			DST=Distribution Cable			
24 FWM-4X-N4D	060			(I/O Riser Rated)			
25 FWM-12X-N4D	066		FC=FC MM			"X" denotes	
26 WM-2X (Multilite)	072		FU=FC SM			number of trays	
27 WM-4X (Multilite)	096		FA=FC/APC				
28 WM-8X (Multilite)	144						
29 FF-WM-8X	288		LCAD=LC/APC Duplex SM				
32 FWM-1X-BK			LCAQ=LC/APC Quad SM				
33 FWM-1X-SP-BK			LCPD=LC Duplex MM				
35 FWM-2X-PH			LCPQ=LC Quad MM				
37 RNI-1000			LCUD=LC Duplex SM				
38 RNI-1500			LCUQ=LC Quad SM				
43 RNI-1200			LCGD=LC Duplex 10 Gig				
45 RNI-2500			LCGQ=LC Quad 10 Gig				
RACK MOUNTS			ST6=ST 6 port MM				
12 FRM-1RU-2X-SO			ST8=ST 8 port MM				
21 FRM-1RU-3X-TS-S			ST12=ST 12 port MM				
39 FRM-1RU-3X-TS-HD			SM6=ST 6 port SM				
46 FRM-1RU-2X-TS-DOT			SM8=ST 8 port SM				
13 FRM-2RU-4X-SO			SM12=ST 12 port SM				
14 FRM-2RU-4X-TS							
30 FRM-2RU-6X-TS-S							
40 FRM-2RU-6X-TS-HD							
15 FRM-3RU-6X-TS							
31 FRM-3RU-9X-TS-S							
41 FRM-3RU-9X-TS-HD							
16 FRM-4RU-12X-TS							
48 FRM-4RU-12X-TS-S							
18 FRM-4RU-4X-PS							
42 FRM-4RU-12X-TS-HD							
17 FRM-8.5RU-24X-TS							
19 FRM-8.5RU-12X-PS							
44 FRM-8RU-24X-TS-HD							
20 FF-RM-12X							
RACK/WALL MOUNT							
36 FRWM-1RU-3X-TS							

* Only available for specified boxes. Refer to catalog descriptions.
** Feet divided by 2.54 and rounded up to the full meter.
*** Align with unit type.

Stock ID	Model #	Conn. Type	# Of Conn.	Ferrule	Mode	Fiber Polish	Conn. Color	Plate Color	Plate Code
10-5458	MST-06-P-BLK	ST	6	Phos. Bronze	MM	PC UPC	Chrome	Black	ST6
10-5457	MST-06-P-OW							Off White	
99234K	MST-06-C-BLK	ST	6	Ceramic	SM	Any	Chrome	Black	SM6
99223K	MST-06-C-OW							Off White	
10-9196	MST-12-P-BLK	ST	12	Phos. Bronze	MM	PC UPC	Chrome	Black	ST12
10-9195	MST-12-P-OW							Off White	
10-6065	MST-12-C-BLK	ST	12	Ceramic	SM	Any	Chrome	Black	SM12
10-6177	MST-12-C-OW							Off White	
10-5095	MFC-06-P-BLK	FC	6	Phos. Bronze	MM	PC UPC	Chrome	Black	FC
10-8751	MFC-06-P-OW							Off White	
10-4744	MFC-06-C-BLK	FC	6	Ceramic	SM	Any	Chrome	Black	FU
99218CK	MFC-06-C-OW							Off White	
065-218-50	MFC-12-P-BLK	FC	12	Phos. Bronze	MM	PC UPC	Chrome	Black	FC
065-218-51	MFC-12-P-OW							Off White	
065-218-10	MFC-12-C-BLK	FC	12	Ceramic	SM	Any	Chrome	Black	FU
065-218-11	MFC-12-C-OW							Off White	
10-3628	MTRJ-12-MM-P-BLK	MTRJ	12	N/A	MM or SM	PC UPC	Black	Black	MJ
10-3629	MTRJ-12-MM-P-OW							Off White	
065-389-20	MMTP-06-B-BLK	MTP	6	N/A	SM	APC	Black	Black	N/A
-	MMTP-06-B-OW							Off White	
065-378-20	MMTP-08-B-BLK	MTP	8	N/A	SM	APC	Black	Black	N/A
-	MMTP-08-B-OW							Off White	
065-389-30	MMTP-06-A-BLK	MTP	6	N/A	MM	PC	Aqua	Black	N/A
-	MMTP-06-A-OW							Off White	
065-378-30	MMTP-08-A-BLK	MTP	8	N/A	MM	PC	Aqua	Black	N/A
-	MMTP-08-A-OW							Off White	

	Stock ID	Model #	Conn. Type	# Of Conn.	Ferrule	Mode	Fiber Polish	Conn. Color	Plate Color	Plate Code
	10-4810	MSC-06-SM-C-BLK	SC	6	Ceramic	SM	UPC	Blue	Black	SUS
	10-6178	MSC-06-SM-C-OW							Off White	
	10-1817	MSC-12-SM-C-BLK	SC	12	Ceramic	SM	UPC	Blue	Black	SUD
	10-6181	MSC-12-SM-C-OW							Off White	
	065-478-10	MSC-06D-SM-C-BLK	SC	6	Ceramic	SM	UPC	Blue	Black	SUD
	065-478-11	MSC-06D-SM-C-OW							Off White	
	10-4442	MSCA-06-SM-C-BLK	SC	6	Ceramic	SM	APC	Green	Black	SAS
	99222K	MSCA-06-SM-C-OW							Off White	
	10-5327	MSCA-12-SM-C-BLK	SC	12	Ceramic	SM	APC	Green	Black	SAD
	99224K	MSCA-12-SM-C-OW							Off White	
	065-479-10	MSCA-06D-SM-C-BLK	SC	6	Ceramic	SM	APC	Green	Black	SAD
	065-479-11	MSCA-06D-SM-C-OW							Off White	
	10-9995	MSC-06-MM-P-BLK	SC	6	Phos. Bronze	MM	PC	Beige	Black	SCS
	10-9996	MSC-06-MM-P-OW							Off White	
	10-5535	MSC-12-MM-P-BLK	SC	12	Phos. Bronze	MM	PC	Beige	Black	SCD
	065-518-10	MSC-12-MM-P-OW							Off White	
	065-477-10	MSC-06D-MM-P-BLK	SC	6	Phos. Bronze	MM	PC	Beige	Black	SCD
	065-477-11	MSC-06D-MM-P-OW							Off White	
	065-242-10	MSCG-6-MM-P-BLK	SC 10 GIG	6	Phos. Bronze	MM	UPC	Aqua	Black	SGS
	065-242-11	MSCG-6-MM-P-OW							Off White	
	065-243-10	MSCG-12-MM-P-BLK	SC 10 GIG	12	Phos. Bronze	MM	UPC	Aqua	Black	SGD
	065-243-11	MSCG-12-MM-P-OW							Off White	
	065-480-10	MSCG-6D-MM-P-BLK	SC 10 GIG	6	Phos. Bronze	MM	UPC	Aqua	Black	SGD
	065-480-11	MSCG-6D-MM-P-OW							Off White	

	Stock ID	Model #	Conn. Type	# Of Conn.	Ferrule	Mode	Fiber Polish	Conn. Color	Plate Color	Plate Code
	10-9709	MLCD-12-SM-C-BLK	LC	12	Ceramic	SM	UPC	Blue	Black	LCUD
	10-9710	MLCD-12-SM-C-OW							Off White	
	065-244-10	MLCQ-24-SM-C-BLK	LC	24	Ceramic	SM	UPC	Blue	Black	LCUQ
	065-244-11	MLCQ-24-SM-C-OW							Off White	
	10-9123	MLCDA-12-SM-C-BLK	LC	12	Ceramic	SM	APC	Green	Black	LCAD
	065-508-10	MLCDA-12-SM-C-OW							Off White	
	065-420-10	MLCQA-24-SM-C-BLK	LC	24	Ceramic	SM	APC	Green	Black	LCAQ
	065-420-11	MLCQA-24-SM-C-OW							Off White	
	10-3626	MLCD-12-MM-P-BLK	LC	12	Phos. Bronze	MM	PC	Beige	Black	LCPD
	10-3627	MLCD-12-MM-P-OW							Off White	
	065-225-10	MLCQ-24-MM-P-BLK	LC	24	Phos. Bronze	MM	PC	Beige	Black	LCPQ
	065-225-11	MLCQ-24-MM-P-OW							Off White	
	065-245-10	MLCDG-12-MM-P-BLK	LC 10 GIG	12	Phos. Bronze	MM	PC	Aqua	Black	LCGD
	065-245-11	MLCDG-12-MM-P-OW							Off White	
	065-246-10	MLCQG-24-MM-P-BLK	LC 10 GIG	24	Phos. Bronze	MM	PC	Aqua	Black	LCGQ
	065-246-11	MLCQG-24-MM-P-OW							Off White	

	Stock ID	Model #	Conn. Type	# Of Conn. Holes	Plate Color
	10-1690	MTRJ-03-NB-BLK	MTRJ	6	Black
	10-1689	MTRJ-03-NB-OW			Off White
	10-6061	MSCB-06-BB-BLK	SC	6	Black
	10-6063	MSCB-06-BB-OW			Off White
	065-390-10	MSCD-03-NB-BLK	SC DUPLEX or LC QUAD	3	Black
	065-390-11	MSCD-03-NB-OW			Off White
	10-5534	MSCBH-03-NB-BLK	SC DUPLEX or LC QUAD	6	Black
	10-8187	MSCBH-03-NB-OW			Off White
	10-5455	MSTA-03-BB-BLK	ST	6	Black
	10-5450	MSTA-03-BB-OW			Off White
	10-9188	MSTA-12-BB-BLK	ST	12	Black
	10-9189	MSTA-12-BB-OW			Off White
	10-4610	MLCD-03-NB-BLK	LC DUPLEX	6	Black
	10-4609	MLCD-03-NB-OW			Off White
	10-8750	MFCB-03-DB-BLK	FC	6	Black
	10-8752	MFCB-03-DB-OW			Off White
	065-227-10	MFCB-12-DB-BLK	FC	12	Black
	065-227-11	MFCB-12-DB-OW			Off White
	10-7666	MFMB-600BB-BLK	-	0	Black
	10-7668	MFMB-600BB-OW			Off White
	065-354-10	MKJB-04-NB-BLK	KEYSTONE	4	Black
	065-354-11	MKJB-04-NB-OW			Off White
	065-389-10	MTP-06-BK	MTP	6	Black
	-	MTP-06-OW			Off White
	065-378-10	MTP-08-BK	MTP	8	Black
	-	MTP-08-OW			Off White

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	Stock ID	Type	Fiber Polish	Mode	Sleeve Material	Color	Foot Print
	99306	ST	Any	MM	Phos. Bronze	Chrome	ST
	99307	ST	Any	SM	Ceramic	Chrome	ST
	99309	FC	Any	MM	Phos. Bronze	Chrome	FC
	99310	FC	Any	SM	Ceramic	Chrome	FC
	10-1688	MTRJ	PC	MM or SM	N/A	Black	MTRJ
	99304	SC Simplex	UPC	SM	Ceramic	Blue	SC Simplex
	10-5513	SC Duplex	UPC	SM	Ceramic	Blue	SC Duplex
	10-3642	SC Simplex	APC	SM	Ceramic	Green	SC Simplex
	10-5378	SC Duplex	APC	SM	Ceramic	Green	SC Duplex
	10-5382	SC Simplex	PC	MM	Phos. Bronze	Beige	SC Simplex
	99302	SC Duplex	PC	MM	Phos. Bronze	Beige	SC Duplex
	065-236-10	SC Simplex 10 GIG	PC	MM	Phos. Bronze	Aqua	SC Simplex
	065-237-10	SC Duplex 10 GIG	PC	MM	Phos. Bronze	Aqua	SC Duplex

Stock ID	Description
065-384-10	Field Installable Connector, SC 62.5µm Multi Mode
065-385-10	Field Installable Connector, SC 9µm Single Mode

	Stock ID	Type	Fiber Polish	Mode	Sleeve Material	Color	Foot Print
	10-4605	LC Duplex	UPC	SM	Ceramic	Blue	LC Duplex
	065-239-10	LC Quad	UPC	SM	Ceramic	Blue	SC Duplex
	065-414-10	LC Duplex	APC	SM	Ceramic	Green	LC Duplex
	065-419-10	LC Quad	APC	SM	Ceramic	Green	SC Duplex
	10-9711	LC Duplex	PC	MM	Phos. Bronze	Beige	LC Duplex
	065-238-10	LC Quad	PC	MM	Phos. Bronze	Beige	SC Duplex
	065-240-10	LC Duplex 10 GIG	PC	MM	Phos. Bronze	Aqua	SC Simplex
	065-241-10	LC Quad 10 GIG	PC	MM	Phos. Bronze	Aqua	SC Duplex
	065-146-10	MTP	APC	SM	N/A	Black	MTP
	065-146-20	MTP	PC	MM	N/A	Aqua	MTP

SC Simplex

SC Duplex

NEW

Stock ID	Description
065-387-10	SC Simplex Panel Plug
065-388-10	SC Duplex Panel Plug

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Fiber Termination Modules / FTMs

Pigtail Version

Cable Length (Meters)

4.19

4.56

1.13

5.13

MTP Version

4.19

MTP 1   MTP 2

4.56

1.13

5.11
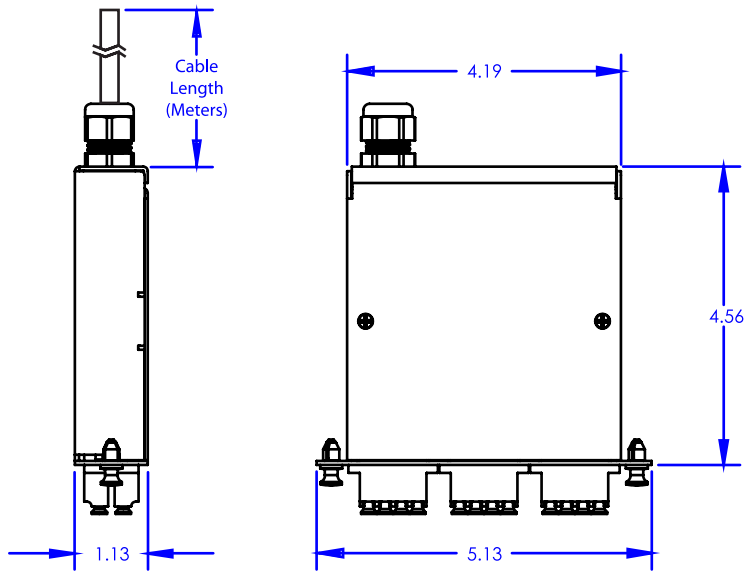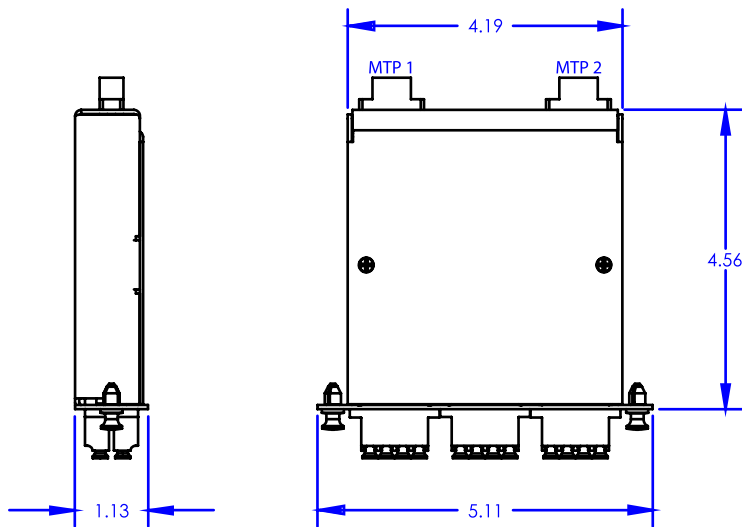
Fiber Termination Modules / FTMs

Splice Version

1.13

4.13

Up To (4)
6 Fiber
Splice Holders

6.00

U-Shaped
Cable
Passage

Cable
Tie-Down
Location

Custom Removable
Adapter Plates

5.13

Ordering Information

FTM	-		-		-	
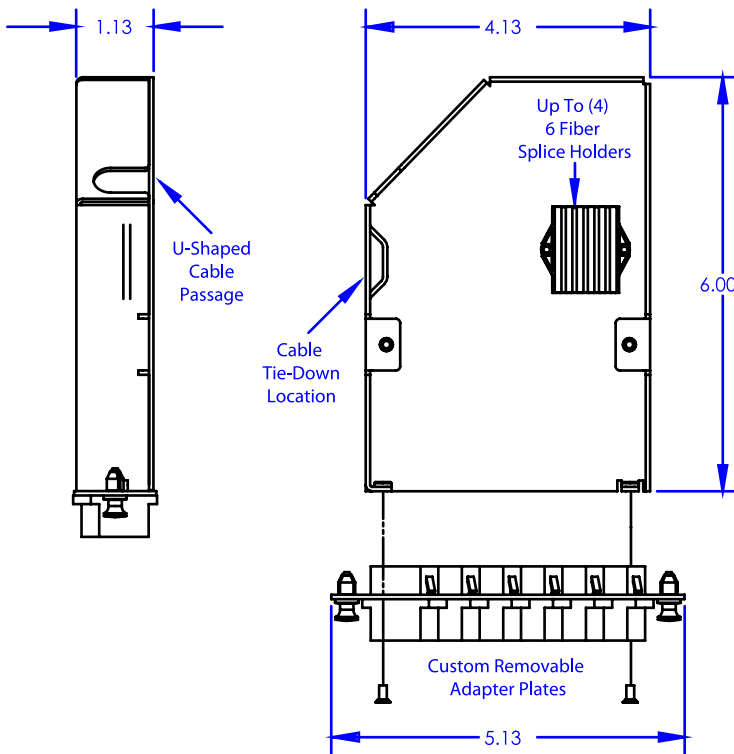
Fiber Termination Module	Number of Adapters	Front Adapter Type	Fiber Type	Back Adapter Type

	*06	SC/UPC	SM, 9/125µm	**P*** — **Pigtail Version** Includes * length in meters of OFNR Distribution Jacketed Fiber type per adapter type.
	12	SC/APC	SM, 9/125µm	
	24	LC/UPC	SM, 9/125µm	

*SC Only

Front Adapter Type	Fiber Type	Back Adapter Type
SC/PC50	MM, 50/125µm (OM2)	**M1 or M2** — **MTP Version** Includes 1 or 2 MTP adapters in back connected to adapters in front with fiber type per adapter type. *M1=1-12 Adapters M2=13-24 Adapters*
SC/PC62	MM, 62.5/125µm (OM1)	
SC/PCLO	MM, 50/125µm (OM3) Laser Optimized	**S1** — **Splice Version** Includes 1 meter of color coded 900µm fiber connected to adapters in front with fiber type per adapter type.
LC/PC50	MM, 50/125µm (OM2)	
LC/PC62	MM, 62.5/125µm (OM1)	**SR1** — **Splice Version** Includes 1 meter of color coded Ribbon fiber connected to adapters in front with fiber type per adapter.
LC/PCLO	MM, 50/125µm (OM3) Laser Optimized	

*Note: FTM Modules are typically suited to rack mounted fiber enclosures. All fibers used in FTM assemblies are SMF28e+ (ITU-T G.652) for SM and Corning™ Clearcurve (ITU G.651.1) for MM.

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PLC Optical Splitters, LGX™ (Multilink™), & 19" Rack Mounting

Small Form

Cassette

**LGX - SC/APC
1 x 8 (Single Slot)**

1 x 32 PLC Splitter SC/APC Rack Mount, 1RU
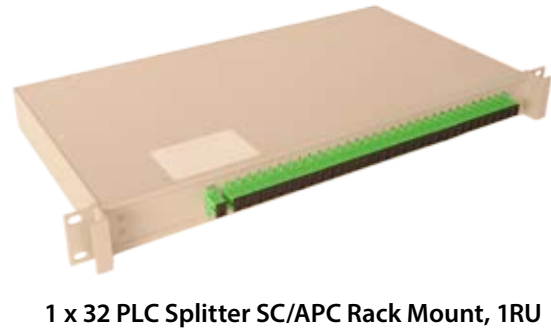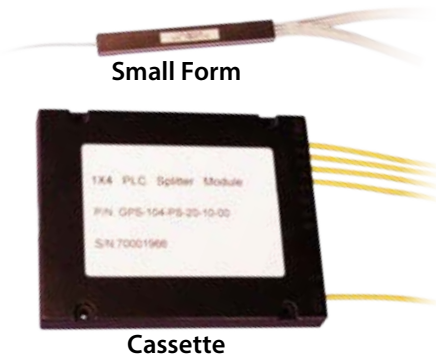
Multilink Fiber Optics Line of PLC splitters offers superior performance and field- proven reliability for harsh environments. Features include low insertion loss (IL), low polarization dependent loss (PDL), high port to port uniformity, and compact space saving designs.

Applications
- FTTx PON Networks
- CATV
- CWDM & DWDM Systems

Features & Benefits
- PLC Telcordia compliant GR1221
- Low Insertion Loss (IL)
- Low PDL
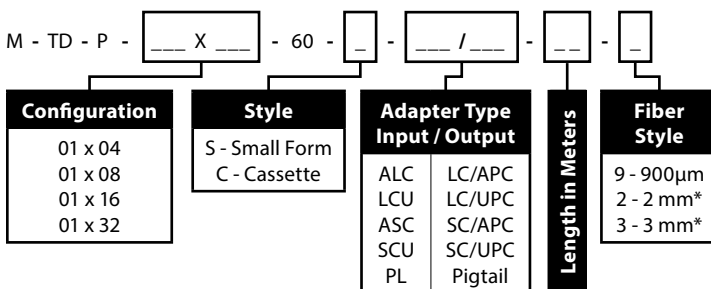- Space-saving design
- Customized packaging available

Specifications

Parameters	1 x 4	1 x 8	1 x 16	1 x 32
Operating wavelength nm	1260-1650			
Insertion loss typ. / max. dB	7.1 / 7.4	10.4 / 10.7	13.6 / 13.9	16.8 / 17.2
Uniformity dB	≤ 0.8	≤ 1.0	≤ 1.4	≤ 1.6
PDL dB	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3
Return loss dB	≥ 55	≥ 55	≥ 55	≥ 55
Directivity dB	≥ 55	≥ 55	≥ 55	≥ 55
Maximum input power mW	250			
Operation Temperature C°	-40 ~ +85			
Storage Temperature C°	-40 ~ +85			
Small Form Dimensions mm	4 x 7 x 60		6 x 19 x 100	
Reggeized Cassette Dimensions mm	8 x 80 x 100		16 x 80 x 136	18 x 114 x 140
LGX Module Dimensions mm Standard LC & SC Adapters Compact LC Adapters Only	129 x 125 x 28	129 x 125 x 28	129 x 125 x 56 129 x 125 x 28	129 x 125 x 112 129 x 125 x 56
19" Rack Mount Dimensions mm (width x depth x height) in (width x depth x height)	N/A	431 x 235 x 44 17 x 9.25 x 1.75		

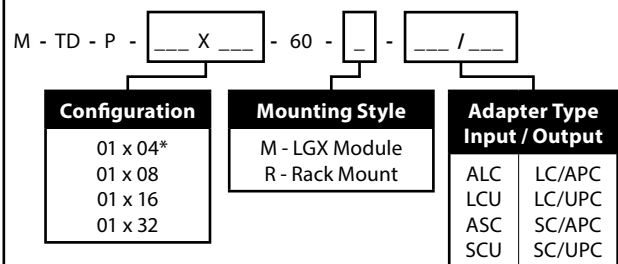Operating wavelength is design guaranteed. Above test results measured without connectors.

Ordering Information

Small Form & Cassette

M - TD - P - ___ X ___ - 60 - _ - ___ / ___ - __ - _

Configuration	Style	Adapter Type Input / Output		Length in Meters	Fiber Style
01 x 04 01 x 08 01 x 16 01 x 32	S - Small Form C - Cassette	ALC LCU ASC SCU PL	LC/APC LC/UPC SC/APC SC/UPC Pigtail		9 - 900µm 2 - 2 mm* 3 - 3 mm*

*Note: 2 & 3 mm fiber available only in Cassette style.

LGX & Rack Mount

M - TD - P - ___ X ___ - 60 - _ - ___ / ___

Configuration	Mounting Style	Adapter Type Input / Output	
01 x 04* 01 x 08 01 x 16 01 x 32	M - LGX Module R - Rack Mount	ALC LCU ASC SCU	LC/APC LC/UPC SC/APC SC/UPC

*Note: 1x4 Configuration not available as rack module. All optical splitters available in several custom configurations and packaging options contact customer service for additional information.

For Use In Rack And Wall Mount Fiber Distribution Enclosures

		Stock ID	Connector/Polish	# of Fibers	Overall Length (m)
Single Mode (OS1) 9/125/900µm	**Spiral Wrapped**	10-6415	SC/UPC	6	3
		065-254-10	SC/UPC	8	
		10-6416	SC/UPC	12	
		10-6417	SC/APC	6	3
		10-6418	SC/APC	12	
		065-089-10	ST/UPC	6	3
		065-235-10	ST/UPC	8	
		065-090-10	ST/UPC	12	
		065-180-10	LC/UPC	12	3
		10-8703	FC/UPC	6	3
		065-365-10	FC/UPC	12	
	OFNR (Yellow)	065-370-10	SC/UPC	6	3
		065-371-10	SC/UPC	12	
		065-394-10	SC/APC	6	3
		065-395-10	SC/APC	12	
		065-374-10	ST/UPC	6	3
		065-375-10	ST/UPC	12	
		065-396-10	LC/UPC	12	3
		065-437-10	LC/APC	12	3
Single Mode Ribbon	**OFNR (Yellow)**	065-282-10	SC/UPC	12	3
		065-523-10	SC/APC	12	3
		065-561-10	LC/UPC	12	3
Multi Mode (OM1) 62.5/125/900µm	**Spiral Wrapped**	065-055-10	SC/PC	6	3
		065-228-10	SC/PC	12	
		065-056-10	ST/PC	6	3
		065-101-10	ST/PC	12	
		065-179-10	LC/PC	12	3
		065-178-10	FC/PC	6	3
	OFNR (Orange)	065-372-10	SC/PC	6	3
		065-373-10	SC/PC	12	
		065-376-10	ST/PC	6	3
		065-377-10	ST/PC	12	
		065-397-10	LC/PC	12	3
Multi Mode (OM3) 50/125/900µm	**OFNR (Aqua)**	065-439-10	SC/PC	6	3
		065-438-10	SC/PC	12	
			ST/PC	6	3
		065-494-10	ST/PC	12	
		065-487-10	LC/PC	12	3

Spiral Wrapped

Stock ID Shown: 10-6418

OFNR (Yellow)

Stock ID Shown: 065-375-10

OFNR (Orange)

Stock ID Shown: 065-373-10

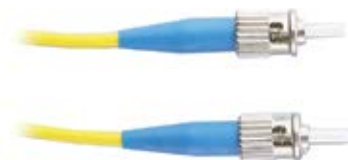OFNR (Aqua)

Stock ID Shown: 065-487-10

For GSA / Buy American Compliant Pigtails Please Add (-US) To The End Of Your Stock ID ex: 10-6415-US

Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling

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Single Mode Simplex Jumpers

UPC / Simplex

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6310	ST/UPC	ST/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6311	ST/UPC	ST/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6312	ST/UPC	ST/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6313	ST/UPC	ST/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6314	ST/UPC	ST/UPC	9/125µm	2.9-3.0mm	Yellow	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6315	SC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6316	SC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6317	SC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6318	SC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6319	SC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6320	LC/UPC	LC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6321	LC/UPC	LC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6322	LC/UPC	LC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6323	LC/UPC	LC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6324	LC/UPC	LC/UPC	9/125µm	2.9-3.0mm	Yellow	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6325	FC/UPC	FC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6326	FC/UPC	FC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6327	FC/UPC	FC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6328	FC/UPC	FC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6329	FC/UPC	FC/UPC	9/125µm	2.9-3.0mm	Yellow	10

APC / Simplex

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6400	FC/APC	FC/APC	9/125µm	2.9-3.0mm	Yellow	1
10-6401	FC/APC	FC/APC	9/125µm	2.9-3.0mm	Yellow	2
10-6402	FC/APC	FC/APC	9/125µm	2.9-3.0mm	Yellow	3
10-6403	FC/APC	FC/APC	9/125µm	2.9-3.0mm	Yellow	5
10-6404	FC/APC	FC/APC	9/125µm	2.9-3.0mm	Yellow	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6405	SC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	1
10-6406	SC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	2
10-6407	SC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	3
10-6408	SC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	5
10-6409	SC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	10

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Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling

Single Mode Duplex Jumpers

UPC / Duplex

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6330	ST/UPC	ST/UPC	9/125μm	2.9-3.0mm	Yellow	1
10-6331	ST/UPC	ST/UPC	9/125μm	2.9-3.0mm	Yellow	2
10-6332	ST/UPC	ST/UPC	9/125μm	2.9-3.0mm	Yellow	3
10-6333	ST/UPC	ST/UPC	9/125μm	2.9-3.0mm	Yellow	5
10-6334	ST/UPC	ST/UPC	9/125μm	2.9-3.0mm	Yellow	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6335	SC/UPC	SC/UPC	9/125μm	2.9-3.0mm	Yellow	1
10-6336	SC/UPC	SC/UPC	9/125μm	2.9-3.0mm	Yellow	2
10-6337	SC/UPC	SC/UPC	9/125μm	2.9-3.0mm	Yellow	3
10-6338	SC/UPC	SC/UPC	9/125μm	2.9-3.0mm	Yellow	5
10-6339	SC/UPC	SC/UPC	9/125μm	2.9-3.0mm	Yellow	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6340	LC/UPC	LC/UPC	9/125μm	2.9-3.0mm	Yellow	1
10-6341	LC/UPC	LC/UPC	9/125μm	2.9-3.0mm	Yellow	2
10-6342	LC/UPC	LC/UPC	9/125μm	2.9-3.0mm	Yellow	3
10-6343	LC/UPC	LC/UPC	9/125μm	2.9-3.0mm	Yellow	5
10-6344	LC/UPC	LC/UPC	9/125μm	2.9-3.0mm	Yellow	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6345	FC/UPC	FC/UPC	9/125μm	2.9-3.0mm	Yellow	1
10-6346	FC/UPC	FC/UPC	9/125μm	2.9-3.0mm	Yellow	2
10-6347	FC/UPC	FC/UPC	9/125μm	2.9-3.0mm	Yellow	3
10-6348	FC/UPC	FC/UPC	9/125μm	2.9-3.0mm	Yellow	5
10-6349	FC/UPC	FC/UPC	9/125μm	2.9-3.0mm	Yellow	10

APC / Duplex
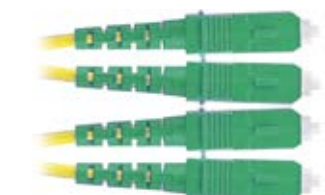
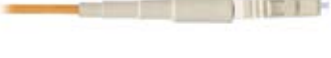| Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
065-529-10	SC/APC	SC/APC	9/125μm	2.9-3.0mm	Yellow	1
065-527-10	SC/APC	SC/APC	9/125μm	2.9-3.0mm	Yellow	2
065-489-10	SC/APC	SC/APC	9/125μm	2.9-3.0mm	Yellow	3
065-534-10	SC/APC	SC/APC	9/125μm	2.9-3.0mm	Yellow	5
065-512-10	SC/APC	SC/APC	9/125μm	2.9-3.0mm	Yellow	10

For GSA / Buy American Compliant Jumpers Please Add (-US) To The End Of Your Stock ID ex: 10-6415-US

Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling

Single Mode Hybrid Jumpers

UPC / Simplex

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6380	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6381	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6382	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6383	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6384	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6385	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6386	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6387	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6388	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6389	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	10

UPC / Duplex

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6390	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6391	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6392	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6393	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6394	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6395	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6396	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6397	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6398	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6399	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	10

APC / Simplex

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6410	FC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	1
10-6411	FC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	2
10-6412	FC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	3
10-6413	FC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	5
10-6414	FC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	10

For GSA / Buy American Compliant Jumpers Please Add (-US) To The End Of Your Stock ID ex: 10-6415-US

Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling
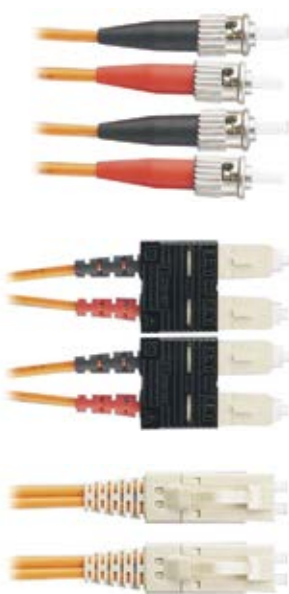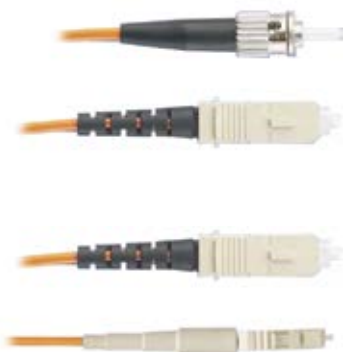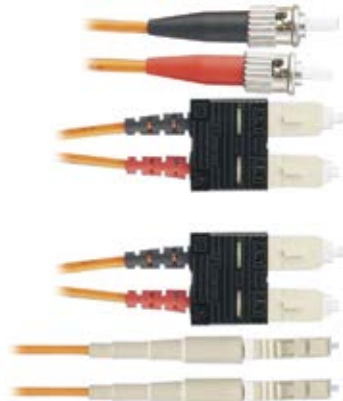
Multi Mode Simplex Jumpers

50/125µm

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6266	ST	ST	50/125µm	2.9-3.0mm	Orange	1
10-6267	ST	ST	50/125µm	2.9-3.0mm	Orange	3
10-6268	ST	ST	50/125µm	2.9-3.0mm	Orange	5
10-6269	ST	ST	50/125µm	2.9-3.0mm	Orange	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6270	SC	SC	50/125µm	2.9-3.0mm	Orange	1
10-6271	SC	SC	50/125µm	2.9-3.0mm	Orange	3
10-6272	SC	SC	50/125µm	2.9-3.0mm	Orange	5
10-6273	SC	SC	50/125µm	2.9-3.0mm	Orange	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6274	LC	LC	50/125µm	2.9-3.0mm	Orange	1
10-6275	LC	LC	50/125µm	2.9-3.0mm	Orange	3
10-6276	LC	LC	50/125µm	2.9-3.0mm	Orange	5
10-6277	LC	LC	50/125µm	2.9-3.0mm	Orange	10

62.5/125µm

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6241	ST	ST	62.5/125µm	2.9-3.0mm	Orange	1
10-6242	ST	ST	62.5/125µm	2.9-3.0mm	Orange	2
10-6243	ST	ST	62.5/125µm	2.9-3.0mm	Orange	3
10-6244	ST	ST	62.5/125µm	2.9-3.0mm	Orange	5
10-6245	ST	ST	62.5/125µm	2.9-3.0mm	Orange	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6246	SC	SC	62.5/125µm	2.9-3.0mm	Orange	1
10-6247	SC	SC	62.5/125µm	2.9-3.0mm	Orange	2
10-6248	SC	SC	62.5/125µm	2.9-3.0mm	Orange	3
10-6249	SC	SC	62.5/125µm	2.9-3.0mm	Orange	5
10-6250	SC	SC	62.5/125µm	2.9-3.0mm	Orange	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6251	LC	LC	62.5/125µm	2.9-3.0mm	Orange	1
10-6252	LC	LC	62.5/125µm	2.9-3.0mm	Orange	2
10-6253	LC	LC	62.5/125µm	2.9-3.0mm	Orange	3
10-6254	LC	LC	62.5/125µm	2.9-3.0mm	Orange	5
10-6255	LC	LC	62.5/125µm	2.9-3.0mm	Orange	10

For GSA / Buy American Compliant Jumpers Please Add (-US) To The End Of Your Stock ID ex: 10-6415-US

Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling

Multi Mode Duplex Jumpers

50/125μm
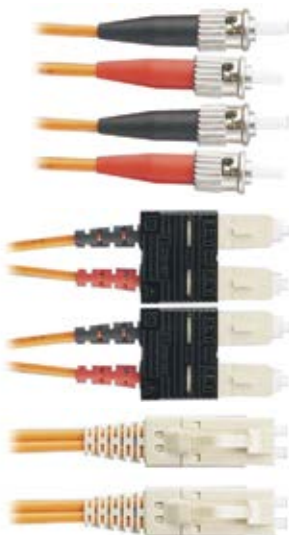
Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6194	ST	ST	50/125μm	2.9-3.0mm	Orange	1
10-6195	ST	ST	50/125μm	2.9-3.0mm	Orange	3
10-6196	ST	ST	50/125μm	2.9-3.0mm	Orange	5
10-6197	ST	ST	50/125μm	2.9-3.0mm	Orange	10

10-6198	SC	SC	50/125μm	2.9-3.0mm	Orange	1
10-6199	SC	SC	50/125μm	2.9-3.0mm	Orange	3
10-6200	SC	SC	50/125μm	2.9-3.0mm	Orange	5
10-6201	SC	SC	50/125μm	2.9-3.0mm	Orange	10

10-6202	LC	LC	50/125μm	2.9-3.0mm	Orange	1
10-6203	LC	LC	50/125μm	2.9-3.0mm	Orange	3
10-6204	LC	LC	50/125μm	2.9-3.0mm	Orange	5
10-6205	LC	LC	50/125μm	2.9-3.0mm	Orange	10

62.5/125μm

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6278	ST	ST	62.5/125μm	2.9-3.0mm	Orange	1
10-6279	ST	ST	62.5/125μm	2.9-3.0mm	Orange	2
10-6280	ST	ST	62.5/125μm	2.9-3.0mm	Orange	3
10-6281	ST	ST	62.5/125μm	2.9-3.0mm	Orange	5
10-6282	ST	ST	62.5/125μm	2.9-3.0mm	Orange	10

10-6283	SC	SC	62.5/125μm	2.9-3.0mm	Orange	1
10-6284	SC	SC	62.5/125μm	2.9-3.0mm	Orange	2
10-6285	SC	SC	62.5/125μm	2.9-3.0mm	Orange	3
10-6286	SC	SC	62.5/125μm	2.9-3.0mm	Orange	5
10-6287	SC	SC	62.5/125μm	2.9-3.0mm	Orange	10

10-6288	LC	LC	62.5/125μm	2.9-3.0mm	Orange	1
10-6289	LC	LC	62.5/125μm	2.9-3.0mm	Orange	2
10-6290	LC	LC	62.5/125μm	2.9-3.0mm	Orange	3
10-6291	LC	LC	62.5/125μm	2.9-3.0mm	Orange	5
10-6292	LC	LC	62.5/125μm	2.9-3.0mm	Orange	10

For GSA / Buy American Compliant Jumpers Please Add (-US) To The End Of Your Stock ID ex: 10-6415-US

Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling

Multi Mode Hybrid Jumpers

Simplex

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6256	ST	SC	62.5/125μm	2.9-3.0mm	Orange	1
10-6257	ST	SC	62.5/125μm	2.9-3.0mm	Orange	2
10-6258	ST	SC	62.5/125μm	2.9-3.0mm	Orange	3
10-6259	ST	SC	62.5/125μm	2.9-3.0mm	Orange	5
10-6260	ST	SC	62.5/125μm	2.9-3.0mm	Orange	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6261	SC	LC	62.5/125μm	2.9-3.0mm	Orange	1
10-6262	SC	LC	62.5/125μm	2.9-3.0mm	Orange	2
10-6263	SC	LC	62.5/125μm	2.9-3.0mm	Orange	3
10-6264	SC	LC	62.5/125μm	2.9-3.0mm	Orange	5
10-6265	SC	LC	62.5/125μm	2.9-3.0mm	Orange	10

Duplex

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6184	ST	SC	62.5/125μm	2.9-3.0mm	Orange	1
10-6185	ST	SC	62.5/125μm	2.9-3.0mm	Orange	2
10-6186	ST	SC	62.5/125μm	2.9-3.0mm	Orange	3
10-6187	ST	SC	62.5/125μm	2.9-3.0mm	Orange	5
10-6188	ST	SC	62.5/125μm	2.9-3.0mm	Orange	10

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6189	SC	LC	62.5/125μm	2.9-3.0mm	Orange	1
10-6190	SC	LC	62.5/125μm	2.9-3.0mm	Orange	2
10-6191	SC	LC	62.5/125μm	2.9-3.0mm	Orange	3
10-6192	SC	LC	62.5/125μm	2.9-3.0mm	Orange	5
10-6193	SC	LC	62.5/125μm	2.9-3.0mm	Orange	10

For GSA / Buy American Compliant Jumpers Please Add (-US) To The End Of Your Stock ID ex: 10-6415-US

Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling

Point-of-Sale Bags Include Fiber Cable, Test Data & Labeling

50/125μm

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6229	SC	SC	50/125μm	3.0mm	Aqua	1
10-6230	SC	SC	50/125μm	3.0mm	Aqua	2
10-6231	SC	SC	50/125μm	3.0mm	Aqua	3
10-6232	SC	SC	50/125μm	3.0mm	Aqua	5

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6237	LC	LC	50/125μm	3.0mm	Aqua	1
10-6238	LC	LC	50/125μm	3.0mm	Aqua	2
10-6239	LC	LC	50/125μm	3.0mm	Aqua	3
10-6240	LC	LC	50/125μm	3.0mm	Aqua	5

For GSA / Buy American Compliant Jumpers Please Add (-US) To The End Of Your Stock ID ex: 10-6415-US

Fiber Accessories

Connector Cleaner

Stock ID	10-6174
Part #	F1-7020
Description	Connector Cleaner (20 ft.) Universal
UOM	Each

Cleaning Media Replacement Reel

Stock ID	10-6175
Part #	F1-7021
Description	Cleaning Media Replacement Reel (Not Shown)
UOM	Each

Lint Free Kimwipes®

Stock ID	10-6171
Part #	F1-34-155
Description	Lint Free Kimwipes® / 280/Box
UOM	Each

Bottled Alcohol

Stock ID	10-6168
Part #	F1-00728
Description	Bottle Alcohol / 28oz.
UOM	Each

Automatic Dispensing Bottle

Stock ID	10-6169
Part #	F1-007P
Description	Automatic Dispensing Bottle (Amber Glass)
UOM	Each

Fiber Accessories

Fiber Optic Protective Sleeves

Transparent plastic tube and stainless steel rod designed to prevent stress and protect fusion fiber optic splices in field and factory operations. Sleeves are made of ethylene vinyl acetate (EVA) with heat activated memory, which causes them to shrink under heat. Sleeves shrink tightly to exclude air and hold the rod firmly, preventing abrasion of delicate glass fibers. Available in 60mm and 40mm.

Stock ID	Part #	Description	Dimensions	MOQ
76500	MF-2170	Fiber Optic Protective Sleeves 60mm	60mm	50
76501	DH-1-40	Fiber Optic Protective Sleeves 40mm	40mm	50
065-383-10	N/A	Ribbon Fiber Protector	Ribbon	EA

Fiber Prep Cable Cleaner

Features & Benefits

Fiber optic cable cleaner is used for quick and easy removal of cable gels, greases, tars, and oils from fiber optic and coax cables. Leaves no residue! This effective (full-strength) formula evaporates completely and contains no hazardous materials.

Stock ID	Part #	Description	Dimensions	UOM
75200	2200-FOW	Foil Pack F/O Cable Wipe	-	Each
75202	2320-FC	Squirt Bottle F/O Cable Cleaner	32 oz.	Each
75203	2100-FC	Squirt Bottle F/O Cable Cleaner	128 oz.	Each

Multiflex™ Free-Flexing, Color Coded Buffer Tubing

Why make the task of splicing fiber optic cable any harder than it has to be? Other manufacturers may offer flexible buffer tubing, but they only come in one color, making it all to easy to mismatch fiber. Multiflex™ is color coded to the standardized specifications used by fiber optic cable manufactures to allow you to easily identify and match fiber during the splicing process. Multiflex™ comes in twelve standardized colors and is available in bulk quantities of 50' rolls. It is also free flexing, making the fiber more manageable and easier to handle in the close confines of the splice enclosure. So give Multiflex™ a try next time you splice fiber optic cable, and you'll see the difference it makes.

Part#	Description	Dimensions	Wt. lbs.	UOM
72010	2000-BL-K-Muliflex Blue Buffer Tubing (Bulk)	50' Roll	.15	Each
72020	2000-OR-K-Muliflex Orange Buffer Tubing (Bulk)	50' Roll	.15	Each
72110	2000-GR-K-Muliflex Green Buffer Tubing (Bulk)	50' Roll	.15	Each
72120	2000-BR-K-Muliflex Brown Buffer Tubing (Bulk)	50' Roll	.15	Each
72210	2000-SL-K-Muliflex Slate Buffer Tubing (Bulk)	50' Roll	.15	Each
72220	2000-WH-K-Muliflex White Buffer Tubing (Bulk)	50' Roll	.15	Each
72310	2000-RD-K-Muliflex Red Buffer Tubing (Bulk)	50' Roll	.15	Each
72320	2000-BK-K-Muliflex Black Buffer Tubing (Bulk)	50' Roll	.15	Each
72410	2000-YL-K-Muliflex Yellow Buffer Tubing (Bulk)	50' Roll	.15	Each
72420	2000-VI-K-Muliflex Violet Buffer Tubing (Bulk)	50' Roll	.15	Each
72510	2000-RS-K-Muliflex Rose Buffer Tubing (Bulk)	50' Roll	.15	Each
72520	2000-AQ-K-Muliflex Aqua Buffer Tubing (Bulk)	50' Roll	.15	Each

Fiber Accessories

Basic Fiber Optic Tool Kit

Contents

- Canned Air
- PVC Electrical Tape
- 3oz. Alcohol Bottle
- Miller Fiber Stripper
- Connector Cleaner
- Kevlar Scissors
- Jacket Stripper
- Buffer Tube Stripper
- Round Cable Slitter
- (50) Foam Swabs
- Kimwipes®
- Utility Knife
- Tweezers
- Needle Nose Pliers
- Fusion Splice Sleeves

- Piano Wire
- 4 Bit Screwdriver
- Black Marker
- Safety Glasses
- (5) D-Gel Wipes
- Black Work Mat
- Fiber Disposal Unit
- Wire Marker Dispenser
- Ruler
- Fabric Tape Measure
- 1/2" Nut Driver
- (3) Economy Tie Labels
- Rugged Carrying Case
- 1 Meter 3mm Furcation Tube
- 1 Meter 900µm Furcation Tube

Stock ID	Part #	Description	UOM
10-6498	ML-F1-0053	Basic Fiber Tool Kit	Each

Fiber Splice Preparation Kit

Contents

- Stripping tool for buffered fiber
- Tube guide, Ø0.0135"
- Tube guide, Ø0.040"
- Blade kit, gray, Ø.037"
- Blade kit, gray, Ø.012"
- Protective suit case
- Foam insert for suit case
- Label
- Cleaver 250/900µm
- Fiber Optic Stripper
- Buffer Tube Stripper
- Fiber Optic Wire Cutter
- Scissors
- Fiber Optic Strip Tool
- Magnifying Glass
- Alcohol Bottle
- Plastic Storage Box
- Lint Free Wipes

- 2501 Fibrlok Assembly Tool*
- (6) 2529 Fibrlok II Universal Splice*

Stock ID	Part #	Description	UOM
73003K	2003-FSPK	Fiber Splice Preparation Kit	Each
73002K	2002-FSPKF	*Fiber Splice Preparation Kit w/ Fiberlok Options	Each

Fiber Prep Tools

Stock ID	Part #	Description	Dimensions	UOM
72900K	2000-US	MultiQuick Split Buffer Tube Splitting Tool Kit	2.5mm & 3.0mm	Each
70781	2250-MQS	2.5mm Tool Only	2.5mm Each	Each
70782	2300-MQS	3.0mm Tool Only	3.0mm Each	Each

Fiber Management Spools

Round Spool

Stock ID	999124
Description	Round Spool
Bend Radius	1.50"
Overall Size	1.30" H x Ø3.00" spool x Ø4.70" flange
Mounting	2x Ø0.21" mounting hole
Material/ Color	Plastic/ Black
UOM	Each

Half Round Spool

Stock ID	10-7766
Description	Half Round Spool (2 pcs shown)
Bend Radius	1.25"
Overall Size	1.36" H x Ø2.50" spool x Ø3.50" flange
Mounting	1x Ø0.16" mounting hole
Material/ Color	Plastic/ Black
UOM	Each

Half Round Spool

Stock ID	10-3621
Description	Half Round Spool (2 pcs shown)
Bend Radius	1.75"
Overall Size	2.75" H x Ø3.50" spool x Ø4.50" flange
Mounting	2x Ø0.356" x 0.50" Slot, both ends
	1x Ø0.125" x 0.80" Slot, both ends
Material/ Color	Plastic/ Black
UOM	Each

Slack-N-Roll

Stock ID	649-048-10
Description	Slack-N-Roll Base
Bend Radius	1.17"
Overall Size	0.61" H x Ø5.88"
Mounting	2 x 0.20" mounting holes
Material/ Color	Plastic/ Blue
UOM	Each

NEW

Spool Bracket

Stock ID	649-101-10
Description	Spool Bracket
Bend Radius	1"
Overall Size	.67" H x 4.92" W x 1.42" D
Mounting	Ø0.17" alignment stud & Ø0.18" mounting hole
Material/ Color	Plastic/ Black
UOM	Each

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Fiber Management Straps & Ties

Wire Management Strap

Stock ID	99944K
Description	Wire Management Strap
Overall Size	0.63" W x Ø1.50" max.
Mounting	Pressure sensitive adhesive
Material/ Color	Velcro® brand, black
UOM	50 pieces/pack

Wire Management Loop Tie

Stock ID	990000000FUT8AK
Description	Wire Management Loop Tie, 8" length
Overall Size	0.50" W x 8.0" L
Material/ Color	Velcro® brand, black
UOM	25 pieces/pack

Stock ID	99000000FUT12AK
Description	Wire Management Loop Tie, 12" length
Overall Size	0.50" W x 12.0" L
Material/ Color	Velcro® brand, black
UOM	25 pieces/pack

Heavy Duty Cinch Tie

Stock ID	999119
Description	Heavy Duty Cinch Tie, 12"
Overall Size	0.75" W x 12.0" L
Material/ Color	Velcro® brand strap w/plastic buckle, black
UOM	Each

Stock ID	999120
Description	Heavy Duty Cinch Tie, 18"
Overall Size	0.75" W x 18.0" L
Material/ Color	Velcro® brand strap w/plastic buckle, black
UOM	Each

Slotted Duct Cable Management

Multilink offers both horizontal and vertical cable management products extruded from high grade polymers. All of our horizontal cable managers are produced to fit on a standard 19" rack. Our organizers ship with both the base and the cover as a set. The only color available is black. The slotted duct features open ends for ease in cable management.
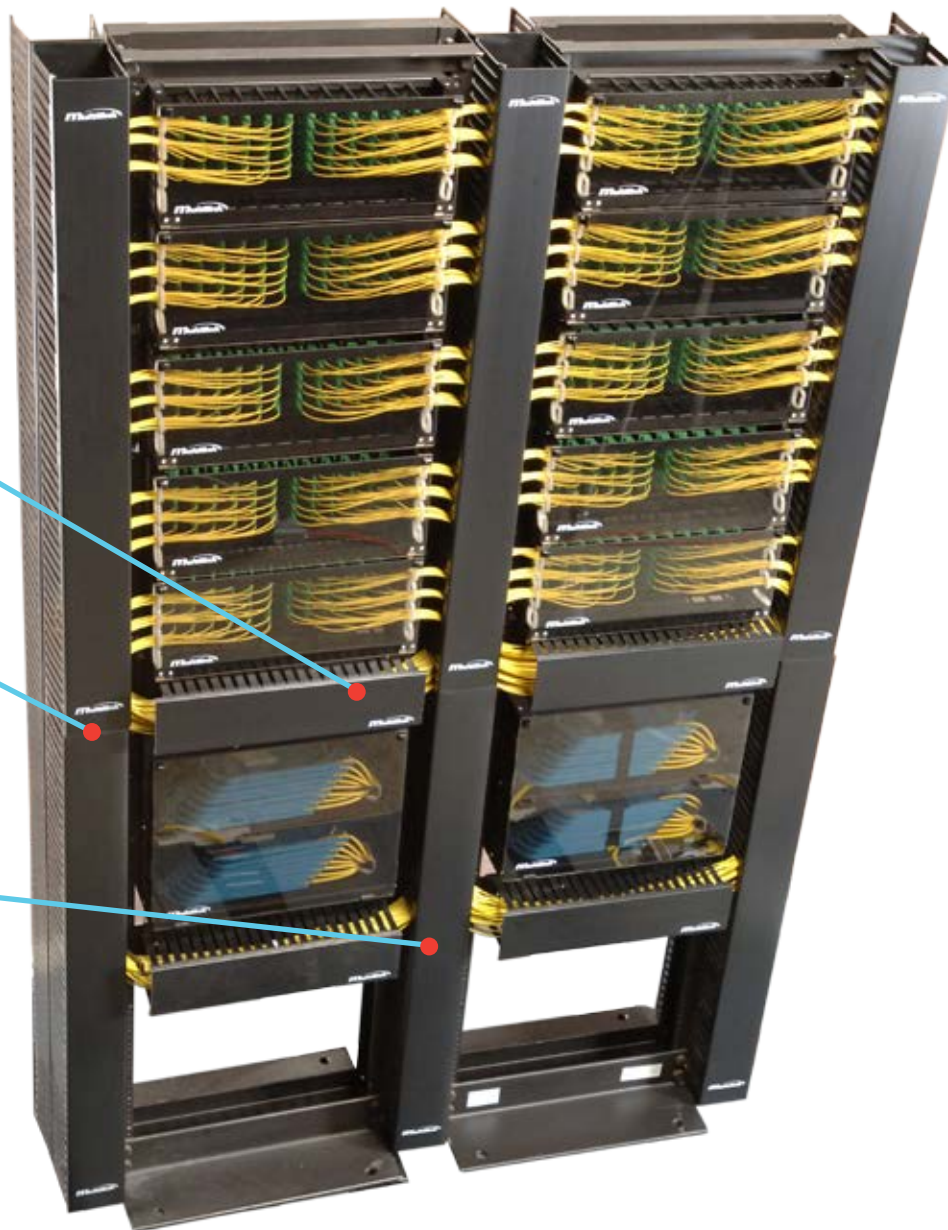
Horizontal Fiber Manager: Features base and cover cable management on the front and backside. Brackets are featured on both ends.

Double Sided, Side Mount/ Front & Rear: Features base and cover cable management on the front and backside. Brackets are on one side only for a left or right side rack attachment.

Center Mount/Front & Rear Features base and cover cable management on the front and backside. Brackets are on both sides of the duct for a center mount attachment between two racks.

Material	Service Temperature	Flammability	Approvals
Self extinguishing PVC	+5°F to +140°F (-15°C to +60°C)	UL94 V-0 Rated Material	UL, CSA & Lloyds Register

Slotted Duct Cable Management

Vertical Cable Managers

**Tabs
Both Sides**
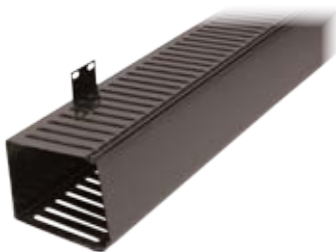
10-4154

Stock ID	10-4154
Description	Double Sided, Side Mount/Front & Rear Brackets are on one side only
Dimensions	4" W x 5" D Front & Rear, 83" H
Weight	13.0 lbs.
Material	High Grade Polymer

10-4155

Stock ID	10-4155
Description	Center Mount/Front & Rear Brackets are on both sides
Dimensions	4" W x 5" D Front & Rear, 83" H
Weight	13.0 lbs.
Material	High Grade Polymer

10-4156

Stock ID	10-4156
Description	Single Sided, Side Mount/Front Only Brackets are on one side only
Dimensions	4" W x 5" D on Front Only, 83" H
Weight	7.0 lbs.
Material	High Grade Polymer

Horizontal Cable Managers

10-4164 (1RU in height)

Stock ID	10-4164
Description	Single Sided Horizontal Cable Manager For Standard 19" Racks
Dimensions	1.5" W x 3" D Front Only
Weight	2.0 lbs.
Material	High Grade Polymer

10-4165 (1RU in height)

Stock ID	10-4165
Description	Single Sided Horizontal Cable Manager For Standard 19" Racks
Dimensions	1.5" W x 2" D Front Only
Weight	2.0 lbs.
Material	High Grade Polymer

Slotted Duct Cable Management

Horizontal Cable Managers

10-4160 (2RU in height)

Stock ID	10-4160
Description	Single Sided Horizontal Cable Manager For Standard 19" Rack
Dimensions	3" W x 3" D Front Only
Weight	3.0 lbs.
Material	High Grade Polymer

10-4158 (2RU in height)

Stock ID	10-4158
Description	Single Sided Horizontal Cable Manager For Standard 19" Rack
Dimensions	4" W x 5" D Front Only
Weight	7.0 lbs.
Material	High Grade Polymer

10-4162 (1RU in height)

Stock ID	10-4162
Description	Double Sided Horizontal Cable Manager For Standard 19" Rack
Dimensions	1.5" W x 3" D Front/1" W x 4" H Rear
Weight	5.0 lbs.
Material	High Grade Polymer

10-4163 (1RU in height)

Stock ID	10-4163
Description	Double Sided Horizontal Cable Manager For Standard 19" Rack
Dimensions	1.5" W x 2" D Front/1" W x 4" H Rear
Weight	3.5 lbs.
Material	High Grade Polymer

10-4161 (2RU in height)

Stock ID	10-4161
Description	Double Sided Horizontal Cable Manager For Standard 19" Rack
Dimensions	3" W x 3" D Front/2" W x 4" H Rear
Weight	8.0 lbs.
Material	High Grade Polymer

Slotted Duct Cable Management

Horizontal Cable Managers

10-4159 (2RU in height)

Stock ID	10-4159
Description	Double Sided Horizontal Cable Manager For Standard 19" Rack
Dimensions	3" W x 3" H Front/3" W x 5" H Rear
Weight	10.5 lbs.
Material	High Grade Polymer

10-5437 (2RU in height)

Stock ID	10-5437
Description	Double Sided Horizontal Cable Manager Brackets are on both sides
Dimensions	3" W x 3" H Front & Rear
Weight	10.0 lbs.
Material	High Grade Polymer

10-4157 (2RU in height)

Stock ID	10-4157
Description	Double Sided Horizontal Cable Manager For Standard 19" Rack
Dimensions	4" W x 5" H Front/4" W x 5" H Rear
Weight	13.0 lbs.
Material	High Grade Polymer

10-4166 (2RU in height)

Stock ID	10-4166
Description	Double Sided Horizontal Cable Manage For Standard 19" Rack with Special Strain Relief Bracket
Dimensions	3" W x 3" H Front/3" W x5" H Rear
Weight	11 lbs.
Material	High Grade Polymer

Multilink's Family Of Splice Enclosures

Select the correct Starfighter Dome to meet your needs!

			Dome Size		Splice Tray		# Splice Trays		Mounting		# Cable Strain Relief		# Ground Lugs
SFOC	XXXX	-	X	-	X	-	X	-	X	-	X		
Starfighter Fiber Optic Closure	4024		4024-D (48 Single fusion)	A	612-SSTP 12 Splices	X	0-4	X	P=Pole/Wall A=Aerial D=ADSS X=None	X	3-6 (3/4" Fitting)	X	0-5*
	4048		4048-D (96 Single fusion)	B	4048-SSTP 24 Splices	X	0-4	X	P=Pole/Wall A=Aerial D=ADSS X=None	X	3-6 (3/4" Fitting)	X	0-5*
	4000		4000-D (192 Single fusion)	B	4048-SSTP 24 Splices	X	0-8	X	P=Pole/Wall A=Aerial D=ADSS X=None	X	3-6 (1" Fitting)	X	0-6*
			4000-D (288 Single fusion)	C	4072-SSTP 36 Splices								

SFOC4024-A-1-A-3-1   *See notes

Grounding Lug Selection:
Selecting (0) grounding lugs will remove grounding braid and bonding clamps from dome.
Selecting (1 or more) grounding lugs will include only (1) grounding braid.

4024-D Starfighter™ Dome Enclosure

The Multilink Starfighter 4024-D Fiber Optic Dome Splice closure is an "all parts" inclusive hermetically sealed splice enclosure designed for ease of assembly and re-entry. The closure is designed with a gasketed split end plate for midaccess cable applications and an easy to install "no special tool" sealing system. All major hardware is factory installed to allow for quick field installation. Universal grommets along with compression style lateral or branch cable seals, makes installing the enclosure easy. The 4024-D is a small capacity closure that can be used in aerial, pedestal, and underground applications.

Features & Benefits
• Completely sealed with compression seal technology
• Ease in installation requiring no special tools
• GR-771 and CATV industry compliant
• Mid-access design for installation over existing cables without disturbing a working cable
• Capacity: (4) 612 - SSTP - 48 Single Fusion Splices

Specifications

Exterior Closure Length	15.3" (38.9cm)
Exterior Closure Diameter	8.5" (21.59cm)
Cable Entry	(2) Express / Feeder / (4) Branch or Lateral
Express/Feeder Cable Diameter Max. Min.	.75" (19mm) .30" (7.62mm)
Branch/Lateral Cable Diameter Max. Min.	.63" (16mm) .27" (6.9mm)
Weight	6.5 lbs (3kg)
Material	Dome - Polyethylene, End Plates - Glass Filled Polypropylene, V-Band - Polypropylene

Ordering

Stock ID	Description	Dimensions	Wt. Lbs.	UOM
020-059-10	4024-D Starfighter Fiber Optic Dome Splice Enclosure with 1 Splice Tray	15.3" L x 8.5" D	6.5 lbs (3kg)	Each
065-209-10	612-SSTP Splice Tray, 12 Single/24 Ribbon Splice Capacity	6" L x 2.75" W x .75" D	0.10 lbs.	Each
10-8362	4024-D-AHK Aerial Hanger Kit	1" x 2" x 6"	2 lbs.	Pair
072-002-10	4024-D-WPK Wall or Pole Mounting Bracket/Kit	2" x 4" x 15"	2 lbs.	Each
072-002-20	4024-D-SS ADSS Mounting Kit	N/A	3 lbs.	Each
10-8181	4024-D-CAK Cable Addition Kit	N/A	1 lbs.	Each
10-7166	Compression Wrench for 3/4" NPT Fittings Aluminum	N/A	0.5 lbs.	Each

4024-D Starfighter™ Dome Enclosure

Grommet Inserts for 3/4" NPT Fittings

Stock ID	10-8084	10-8087	10-8085	10-8090	10-8092	10-8091	10-8088	10-9999
10 Pack ID	10-8096	10-8106	10-8097	10-8109	10-8111	10-8110	10-8107	10-5414
# of Ports	4	4	3	3	3	2	1	1
Cable Size	.20"-.24"	.16"-.20"	.24"-.28"	.16"-.20"	Flat Drop	.25"-.29"	.27"-.31"	.32"-.46"
Weight	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.

4024-D Cable Addition Kit
10-8181

.310 DIA

.460 DIA

Strain Relief
Bracket for 3/4"
NPT Fitting

Hose Clamps
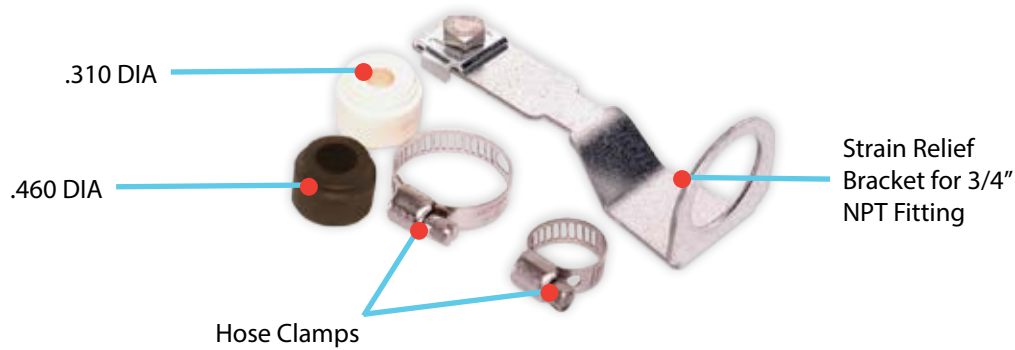
4048-D Starfighter™ Dome Enclosure

The Multilink Starfighter™ 4048D Fiber Optic Dome Splice Closure is an "all parts" inclusive hermetically sealed splice enclosure designed for ease of assembly and re-entry. The closure is designed with a gasketed split end plate for mid-access cable applications and includes an integrated slack storage basket, interlocking splice trays via a modified keyhole style stacking module, and an easy to install no special tool sealing system. All major hardware is factory installed to allow for quick field installation. Universal grommets along with compression style lateral or branch cable seals, makes installing the enclosure easy to assemble. The 4048D is a medium capacity closure that can be used in aerial, pedestal, and underground applications.

Features & Benefits
- Completely sealed with compression seal technology
- Ease in installation requiring no special tools
- GR-771 and CATV industry compliant
- Mid-access design for installation over existing cables without disturbing a working cable
- Capacity: (4) 4048 - SSTP - 96 Single Fusion Splices
- RUS Listed

Specifications

Exterior Closure Length	19"
Exterior Closure Diameter	8.5"
Cable Entry	(2) Express / Feeder / (4) Branch or Lateral
Express/Feeder Cable Diameter **Max.** **Min.**	 .75" (19mm) .30" (7.62mm)
Branch/Lateral Cable Diameter **Max.** **Min.**	 .63" (16mm) .27" (6.9mm)
Weight	7.5 lbs.
Dome	Polyethylene, End Plates - Glass Filled Polypropylene, V-Band - Polypropylene

Ordering

Stock ID	Description	Dimensions	Wt. Lbs.	UOM
10-8365	4048-D Starfighter Fiber Optic Dome Splice Enclosure w/ 1 Splice Tray	19" L x 8.5" D	7.5 lbs.	Each
020-049-10	4048-D Starfighter Fiber Optic Dome Splice Enclosure w/ Splice Tray & 6 ground lugs	19" L x 8.5" D	7.5 lbs.	Each
10-9126	4048-D Starfighter Fiber Optic Dome Splice Enclosure w/ Pedestal	40" L x 10" D	28.5 lbs.	Each
10-8007	4048-SSTP Splice Tray 24 Single/48 Ribbon Splice Capacity	9.75" L x 4.5" W x .5" D	0.57 lbs.	Each
10-8362	4048-D-AHK Aerial Hanger Kit	1" x 2" x 6"	2 lbs.	Pair
072-001-10	4048-D-WPK Wall or Pole Mounting Bracket/Kit	19"L x 1.5" W x 3.7"H	2 lbs.	Each
072-002-20	4048-D-SS ADSS Mounting Kit	N/A	3 lbs.	Each
10-8181	4048-D-CAK Cable Addition Kit	N/A	1 lbs.	Each
10-7166	Compression Wrench for 3/4" NPT Fittings Aluminum	N/A	0.5 lbs.	Each
065-058-10	4048-D Slack Rack Steel/Powder Coated, Black	N/A	0.5 lbs.	Each

4048-D Starfighter™ Dome Enclosure

Grommet Inserts for 3/4" NPT Fittings

Stock ID	10-8084	10-8087	10-8085	10-8090	10-8092	10-8091	10-8088	10-9999
10 Pack ID	10-8096	10-8106	10-8097	10-8109	10-8111	10-8110	10-8107	10-5414
# of Ports	4	4	3	3	3	2	1	1
Cable Size	.20"-.24"	.16"-.20"	.24"-.28"	.16"-.20"	Flat Drop	.25"-.29"	.27"-.31"	.32"-.46"
Weight	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.

4048-D Cable Addition Kit
10-8181

.310 DIA

.460 DIA

Hose Clamps

Strain Relief
Bracket for 3/4"
NPT Fitting
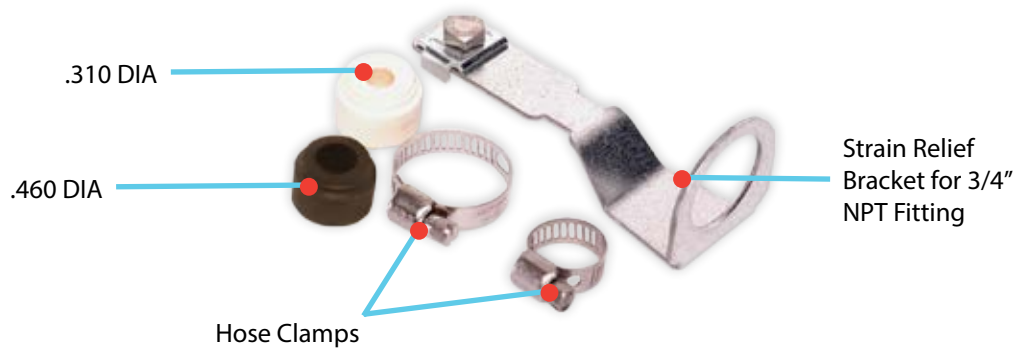
4000-D Starfighter™ Dome Enclosure
Customer Favorite

The Starfighter 4000-D Dome Splice Closure is designed for above or below grade applications and supports up to 6 or more cable entries. The closure has a unique gasketed Split End Plate system that allows for midaccessing cable up to 1.125" in diameter. Branch or lateral cables can be added to any one of four compression seal entry ports. Multiple cables (up to 6) can also be installed utilizing multi-port grommets available for the closure. The closure requires no special tools, adhesives, or mastics for installation. The new unibody slack storage basket and hinged splice trays allow for maximum storage and access of fiber and fiber bundles. Splice capacity of 288 single fusion splices using the 4072-SSTP tray 36 splice.

Features & Benefits
- Completely sealed with compression seal technology
- Ease in installation requiring no special tools
- GR-771 and CATV industry compliant
- Mid-access design for installation over existing cables without disturbing a working cable
- Can be used for above or below grade applications
- Capacity: w/ (8) 4048 - SSTP - 192 Single Fusion Splices or
  Capacity: w/ (8) 4072 - SSTP - 288 Single Fusion Splices
- RUS Listed

Specifications

Exterior Closure Length	23.75" (60.33cm)
Exterior Closure Diameter	10" (25.4cm)
Cable Entry	(2) Express / Feeder / (4) Branch or Lateral
Express/Feeder Cable Diameter Max. Min.	1.12" (28.5mm) .375" (9.5mm)
Branch/Lateral Cable Diameter Max. Min.	.98" (24.9mm) .30" (7.62mm)
Weight	12.5 lbs (5.67kg)
Material	Dome - Polyester, End Plates - Glass Filled Polypropylene, V-Band - Polypropylene

Ordering

Stock ID	Description	Dimensions	Wt. Lbs.	UOM
10-8146	4000-D Starfighter Dome Splice Enclosure w/ one 4072-SSTP Splice Tray	22.0" L x 10.0" D	12.50	Each
020-046-10	4000-D Starfighter Dome Splice Enclosure w/ one 4072-SSTP & 6 ground lugs	22.0" L x 10.0" D	N/A	Each
020-002-20	4000-D Starfighter Dome Splice Enclosure w/ one 4048-SSTP Splice Tray	22.0" L x 10.0" D	12.50	Each
10-8007	4048-SSTP 24 Fiber Splice Tray	9.75" L x 4.5" W x 0.5" D	0.57	Each
065-001-10	4072-SSTP 36 Fiber Splice Tray	10.75" L x 5.75" W x 0.5" D	0.59	Each
10-5324	4000-D-AHK Aerial Hanger Kit	1" x 2" x 6"	2 lbs.	Pair
10-5335	4000-D-WPK Wall or Pole Mounting Bracket/Kit	24"L x 2" W x 4"H	2 lbs.	Each
072-002-20	4000-D-SS ADSS Mounting Kit	N/A	3 lbs.	Each
10-6028	4000-D-CAK Cable Addition Kit	N/A	1 lbs.	Each
10-7167	Compression Wrench for 1" NPT Fittings Aluminum	N/A	0.5 lbs.	Each
10-6635	4000-D Assembly Stand	N/A	5 lbs.	Each

4000-D Starfighter™ Dome Enclosure

Interconnect Modules
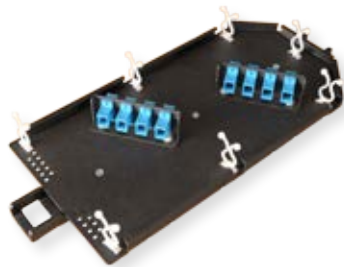
Stock ID	Description	Dimensions	Wt. Lbs.	UOM
10-6074	4000-D-4PKSCU Interconnect Module with 4 SC/UPC Bulkheads	3" x 6" x 14"	2.0	Each
10-5416	4000-D-4PKSCA Interconnect Module with 4 SC/APC Bulkheads	3" x 6" x 14"	2.0	Each
10-9164	4000-D-16PKSCU Interconnect Module with 8 SC/UPC Duplex Bulkheads (Shown) Mounts In Same	3" x 6" x 14"	2.0	Each

Grommet Inserts for 1" NPT Fittings

Stock ID	10-5552	10-5127	10-5128	10-6550	10-5129	10-6552	10-6002	10-5130	10-5134
10 Pack ID	10-5553	10-5421	10-5422	10-6551	10-5419	10-6553	10-6003	10-5483	10-5420
# of Ports	1	1	1	8	6	4	4	4	4
Cable Size	.3"-.4"	.41"-.5"	.51"-.79"	.150"	.265	.300	.350	.370	Flat Drop
Weight	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.

4000-D Cable Addition Kit
10-6028

.510-.790 DIA

.410-.500 DIA

1" Plastic NPT Nut

1/2" x 1-1/16" Hose Clamp

Strain Relief Bracket for 1" NPT Fitting

.300-.400 DIA

4000-D Wall/Pole Mount Kit
10-5335

1120-F Starfighter™ MiniButt
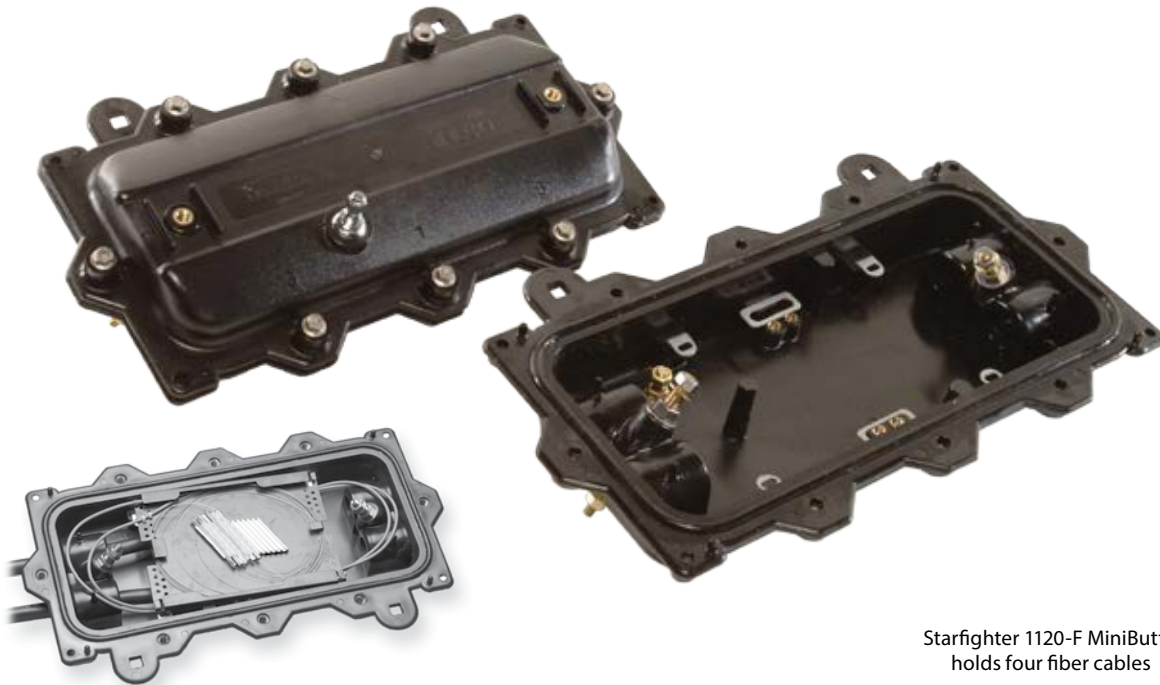
Starfighter 1120-F MiniButt™
holds four fiber cables

The 1120-F MiniButt Fiber Optic Splice Closure is designed for low count fiber splicing and in areas where space is a constraint. The closure incorporates an integrated gasket to prevent the ingress of water but to allow for ease in access.

Patent # 5732180

Features & Benefits
- Supports both Inline or Butt Configurations
- Lightweight and compact
- Up to four cable entries with cable OD range of .3" to .63"
- Suitable for above or below grade installations
- Constructed with impact and corrosion resistant materials
- Integrated "F" pressure testing valve and grounding lugs.
- Up to 24 single fusion or 48 mass fused fibers
- Equipped with all parts required for normal splicing applications
- Capacity: (2) 1120 - SSTA - 24 Single Fusion Splices
- RUS Listed

Specifications

Exterior Closure Length	15"(38.1cm)
Exterior Closure Width	6.5" (16.5cm)
Exterior Closure Height	3.5" (8.9cm)
Cable Entry	(4) Branch or Lateral
Cable Diameter Max. Min.	.63" (16mm) .3" (7.6mm)
Material	5720U Xenoy

Stock ID	Description	Dimensions	Wt. Lbs.	UOM
70203K	1120-F Starfighter Minibutt	15" L x 6.5" W x 3" D (38cm x 16.5cm x 7.6cm)	6.0	Each
70205K	1120-F Starfighter Minibutt with One 1120-SSTA Splice Tray	15" L x 6.5" W x 3" D (38cm x 16.5cm x 7.6cm)	6.35	Each
70902K	1120-SSTA 12 Fiber Splice Tray	7" L x 4.75" W x .50" D	0.35	Each

2000-F Starfighter™ Splice Closure

Starfighter 2000-F
holds four fiber cables

The Starfighter 2000-F is a medium capacity fiber optic splice closure designed for a majority of splicing applications in above and below grade installations. The closure supports both aluminum and plastic splice trays and is fully gasketed to prevent the ingress of water while allowing for ease in entry. The unit is compact and manufactured with highly impact and corrosion resistant materials.

Patent # 5732180

Features & Benefits
- Supports both Inline or Butt configurations
- Lightweight and compact
- Up to four cable entries with cable OD range of .3" to .63"
- Suitable for above or below grade installations
- Constructed with impact and corrosion resistant materials
- Integrated "F" pressure testing valve and grounding lugs
- Up to 72 single fusion or 144 mass fused fibers
- Equipped with all parts required for normal splicing applications
- Capacity: (3) 2000 - SSTA - 72 Single Fusion Splices
- Capacity: (3) 2020 - SSTA - 72 Single Fusion Splices
- RUS Listed

Specifications

Exterior Closure Length	24.5"(62.2cm)
Exterior Closure Width	8"(20.3cm)
Exterior Closure Height	5"(12.7cm)
Cable Entry	(4) Branch or Lateral
Branch/Lateral Cable Diameter Max. Min.	.63" (16mm) .3" (7.6mm)
Material	5720U Xenoy

Stock ID	Description	Dimensions	Wt. Lbs.	UOM
70304K	2000-F Starfighter	24.5" L x 8" W x 5" D (62.2cm x 20.3cm x 12.7cm)	9.0	Each
70302K	2000-F Starfighter with One 2000-SSTA Splice Tray	24.5" L x 8" W x 5" D (62.2cm x 20.3cm x 12.7cm)	9.0	Each
70506K	2000-SSTA 24 Fiber Splice Tray	11.75" L x 4" W x .5" D	.65	Each
70709K	2020-SSTP 24 Fiber Splice Tray	12.25" L x 4" W x .5" D	.54	Each

3000-F Starfighter™ Splice Closure

B

Starfighter 3000-F with a
Cable Addition Kit,
Holds 8 Cables

A
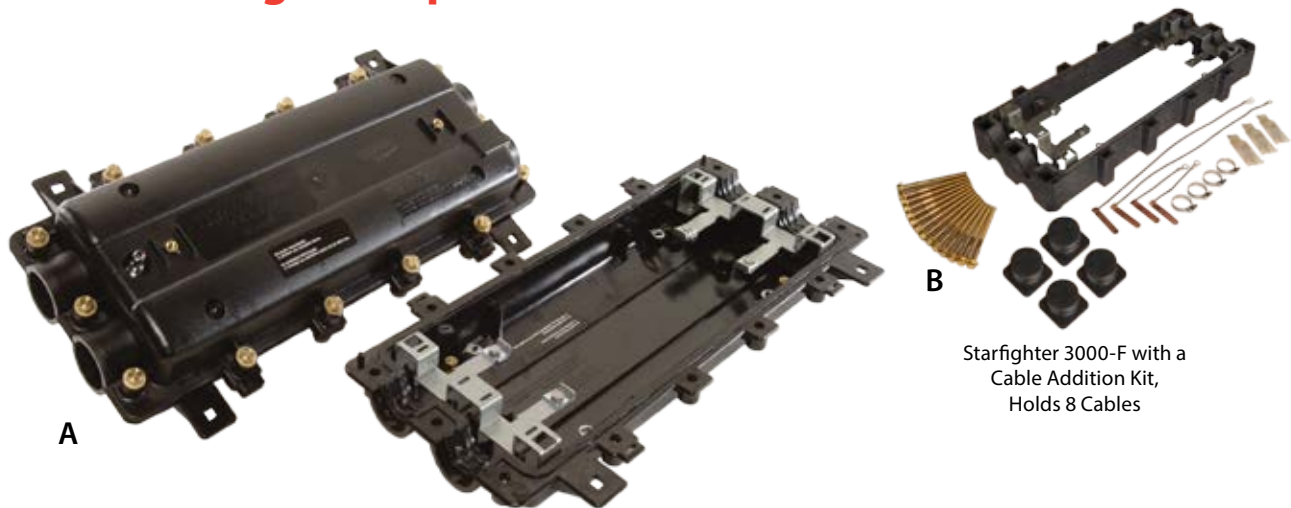
The Starfighter 3000-F is a high capacity splice closure designed for major splice points in the network. The closure supports both Inline and Butt configurations and is expandable utilizing an optional cable expansion kit. The closure utilizes gasketed sealing along with a patented cable seal which allows for mid-span access to the largest cables. The closure can be used in both above and below grade applications.

Patent # 5732180

Features & Benefits
- Mid-access cables up to 1.1" in diameter
- Supports both Inline or Butt configurations
- Up to eight cable entries with cable OD range of 0.3" to 1.1"
- Suitable for above or below grade installations
- Constructed with impact and corrosion resistant materials
- Integrated "F" pressure testing valve and grounding lugs
- Up to 288 single fusion or 576 mass fused fibers
- Equipped with all parts required for normal splicing applications
- Capacity: (6) 3000 - SSTA - 144 Single Fusion Splices
- Capacity: (6) 3030 - SSTP - 144 Single Fusion Splices
- Capacity: w/ 3000 CAK (12) - 288 Single Fusion Splices
- RUS Listed

Specifications

Exterior Closure Length	21.13" (53.66cm)
Exterior Closure Width	8.25" (20.96cm)
Exterior Closure Height	8" (20.32cm)
Cable Entry	(4) Branch or Lateral (8) with CAK
Cable Diameter Max. Min.	1.124" (28.55mm) .375" (9.525mm)
Material	5720U Xenoy

	Stock ID	Description	Dimensions	Wt. Lbs.	UOM
A	70575K	3000-F Starfighter	21" L x 9.63" W x 4.5" D (53.3cm x 21.6cm x 11.4cm)	10.0	Each
-	70536K	3000-F Starfighter with 1 3000-SSTA Splice Tray (Not Pictured)	21" L x 9.63" W x 4.5" D (53.3cm x 21.6cm x 11.4cm)	11.0	Each
-	70582K	3000-F Starfighter with 1 3030-SSTP Splice Tray (Not Pictured)	21" L x 9.63" W x 4.5" D (53.3cm x 21.6cm x 11.4cm)	11.0	Each
B	70314K	3000-CAK (Cable Addition Kit) Starfighter	21" L x 9.38" W x 3" D (53.3cm x 23.83cm x 7.62cm)	8.0	Each
-	70505K	3000-SSTA 24 Fiber Splice Tray	7.75" L x 6" W x .5" D	1.0	Each
-	70706K	3030-SSTP 24 Fiber Splice Tray	8.25" L x 5.75" W x .5" D	1.0	Each

Splice Closure Accessories

1100-A Aerial Hanger Brackets

Stock ID	70800K
Description	1100-A Aerial Hanger Brackets
Weight	.66 lbs
Material	Stainless Steel
UOM	Pair

1100-SS ADSS Mounting Kit

Stock ID	71241K
Description	1100-SS ADSS Mounting Kit
Weight	.55 lbs.
Material	Plastic/Stainless Steel
UOM	Each
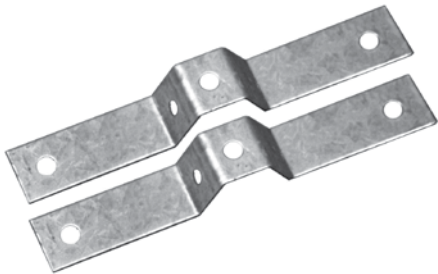
1100-W Wall/Pole Mounting Brackets

Stock ID	70307K
Description	1100-W Wall/Pole Mounting Brackets
Weight	.35 lbs
Material	Galvanized Steel
UOM	Pair

1100-T Standard Tap Bracket

Stock ID	70653
Description	1100-T Standard Tap Bracket
Weight	.19 lbs
Material	Aluminum
UOM	Each

Starfighter™ Optical Terminal Enclosure

10-6060

020-066-10

The OTE (Optical Terminal Enclosure) is designed to support the splicing of optical drops and traditional splicing in aerial, pole, or wall mount applications. The unit is an inline enclosure with four ports on each end. The OTE is constructed of a durable and impact resistant polyethylene material specifically formulated for outside plant environments. The unit can support express cabling as well as the addition of branch or lateral cabling. When used as a drop splicing enclosure, the OTE will support a variety of drop designs and provide the environmental sealing and strain relief required. Up to 36 drops can be supported in FTTH applications. The enclosure is supplied with all of the hardware required to seal and secure the express/feeder cables, and a (12) fiber splice tray.

Features & Benefits
- Easy to assemble cable sealing and retention system.
- Reduces operating costs by allowing customers to purchase additional capacity only when needed.
- Reduces closure inventory. The enclosure is suitable for a wide variety of above grade installation and mounting applications.
- Universal above grade optical fiber splicing and termination capability.
- High impact resistant and UV resistant thermoplastic for long life.
- Supports PON components as well as optical connectorized terminations.
- Provides all in one sealing and strain relief of individual drops.
- Can support up to 36 individual drops.
- Mid-access capable for cables up to 1.125" in diameter.

Specifications

Exterior Closure Length	18.5"	**Standard Splice Trays**	4 (Enclosure comes equipped with 1 Tray)
Exterior Closure Depth	6.0"	**Standard Cables**	2 (Express Feeder)
Exterior Closure Height	11.5"	**FTTH/Lateral Ports**	6 Ports (Up to 36 Individual Drops)
Cable Entry Ports	(2) Express Feeder, (6) Branch Lateral, or Multiport*	**Standard Single Splices**	48
Express/Feeder Cable Diameter	Max. 1.124"/Min. 0.375"	**Branch/Lateral Cable Diameter**	Max. 0.98"/Min. 0.30"

Drop Seals or other cable seal kits, see ordering information
*Multiport Cable Seals are available to support up to 36 fiber drops for FTTH Applications

Ordering

Stock ID	Description	Dimensions	Weight	UOM
10-6060	Starfighter OTE Optical Termination Enclosure (Basic Enclosure)	18.5" L x11.5" W x 6" D	10 lbs.	Each
020-026-20	Starfighter OTE Optical Termination Enclosure w/ 6 Scout Adapters	18.5" L x11.5" W x 6" D	12 lbs.	Each
020-066-10	Starfighter OTE Optical Termination Enclosure w/ 8 SC/APC Adapters	18.5" L x11.5" W x 6" D	12 lbs.	Each
10-8007	4048-SSTP 24 Fiber Splice Tray	9.75" L x 4.5" W x 0.5" D	0.57 lbs.	Each
10-5435	Wall/Pole Mounting Bracket w/ Mounting Hardware	N/A	3 lbs.	Each
10-5436	Aerial Hanger Bracket Kit	N/A	N/A	Pair
10-5434	ADSS Mounting Bracket	N/A	N/A	Each

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440.366.6966

OTE Additional Options

Grommet Inserts For 1" NPT Fittings

Stock ID	10-5552	10-5127	10-5128	10-6550	10-5129	10-6552	10-6002	10-5130	10-5134	065-082-10
10 Pack ID	10-5553	10-5421	10-5422	10-6551	10-5419	10-6553	10-6003	10-5483	10-5420	N/A
# of Ports	1	1	1	8	6	4	4	4	4	1-SC
Cable Size	.3"-.4"	.41"-.5"	.51"-.79"	.150"	.265	.300	.350	.370	Flat Drop	SC Outdoor
Weight	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.5 lbs.	.2 lbs.

1" NPT Dome Fitting

Stock ID	10-5122
Description	1" NPT Dome Fitting-Includes. Insert for
Dimensions	.71"- .98" Diameter Cable
Material	Plastic
UOM	Each

OTE Cable Addition Kit

Stock ID	065-016-10
Description	OTE Cable Addition Kit for Branch or Lateral Cable Additions, .3"- .98"
UOM	Each

10

Splice Trays

All of the Multilink splice trays are universal to the industry. These trays are compatible with all of our enclosures. The splice trays provide protection and organization of fiber splices. Adhesive backed fiber insert holders and assorted cable ties included (grommets included on the 3030-SSTP).

2000-SSTA   X2

Stock ID	70506K
Model #	2000-SSTA
Description	24 Single Fusion Splice Tray
Dimensions	11.75" L x 4" W x .5" D
Weight	Approx. 0.65 lbs.
Material	Aluminum
Capacity	24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fusion Splices

3000-SSTA   X6

Stock ID	70505K
Model #	3000-SSTA
Description	24 Single Fusion Splice Tray
Dimensions	7.75" L x 6" W x .5" D
Weight	Approx. 0.54 lbs.
Material	Aluminum
Capacity	24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fusion Splices

2020-SSTP   X3

Stock ID	70709K
Model #	2020-SSTP
Description	24 Single Fusion Splice Tray
Dimensions	12.25" L x 4" W x .5" D
Weight	Approx. 0.54 lbs.
Material	Plastic Base w/ Aluminum Cover
Capacity	24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fusion Splices

Splice Trays

All of the Multilink splice trays are universal to the industry. These trays are compatible with all of our enclosures. The splice trays provide protection and organization of fiber splices. Adhesive backed fiber insert holders and assorted cable ties included (grommets included on the 3030-SSTP).

612-SSTP — X8

Stock ID	065-209-10
Model #	612-SSTP
Description	12 Single Fusion Splice Tray
Dimensions	6" L x 2.75" W x .75" D
Weight	Approx. 0.10 lbs.
Material	Plastic
Capacity	12 Single Fusion Splices Only
	40mm Splice Sleeve Only

1120-SSTP — X9

Stock ID	072-059-10
Model #	1120-SSTP
Description	12 Single Fusion Splice Tray
Dimensions	6.5" L x 5.13" W x 0.5" D
Weight	Approx. 0.20 lbs.
Material	Plastic
Capacity	12 Single Fusion Splices Only
	40mm Splice Sleeve Only

4048-SSTP — X4

Stock ID	10-8007
Model #	4048-SSTP
Description	24 Single Fusion Splice Tray
Dimensions	9.75" L x 4.5" W x .5" D
Weight	Approx. 0.60 lbs.
Material	Plastic
Capacity	24 Single Fusion Splices (48 Dual Stacked), 16 Mechanical Splices, or 96 Mass Fusion Splices

4072-SSTP — X5

Stock ID	065-001-10
Model #	4072-SSTP
Description	36 Single Fusion Splice Tray
Dimensions	10.75" L x 5.75" W x .5" D
Weight	Approx. 0.60 lbs.
Material	Plastic
Capacity	36 Single Fusion Splices (72 Dual Stacked), 24 Mechanical Splices, or 144 Mass Fusion Splices

3030-SSTP — X7

Stock ID	70706K
Model #	3030-SSTP
Description	24 Single Fusion Splice Tray
Dimensions	8.25" L x 5.75" W x .5" D
Weight	Approx. 0.50 lbs.
Material	Plastic
Capacity	24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fusion Splices

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440.366.6966

Slack Storage Devices - Plastic Sno-Shoe®, Fiber Optic Storage, Aerial and Vault

The Multilink Plastic Sno-Shoe® has been designed with two purposes in mind. The first is to store additional lengths of fiber along the strand for later use. The second is to act as a safeguard, protecting the minimum bend radius of the fiber optic cable while establishing proper installation practices. The Multilink Plastic Sno-Shoe® is a durable and cost effective tool for storing fiber optic cable in the air!

Benefits
Why use the Plastic Adjustable Sno-Shoe®?
- Prevents microbends in fiber optic cable
- Provides consistency and regularity in fiber optic loops
- Solution to spacing problems on poles
- 20 year pro-rated warranty

Features
- The plastic material design makes the Sno-Shoe® non-conductive.
- Countersunk nut wells for easy one tool installation.
- The captive design of the Patented Cable Trough™ allows the installer to simply lay the cable in the trough, leaving both hands free to secure the cable to the unit.
- Stackability: the Plastic Adjustable Sno-Shoe® can be stacked in multiple cable configurations to accommodate additional fiber mount tiering.
- The multiple slots in the Patented Cable Trough™ allow you to secure the cable with either heavy duty tie wraps or stainless steel straps. These slots also allow you to secure additional cable to the unit in expansion situations without having to remove any of the previously installed cable from the unit and also allows for water and ice drainage.
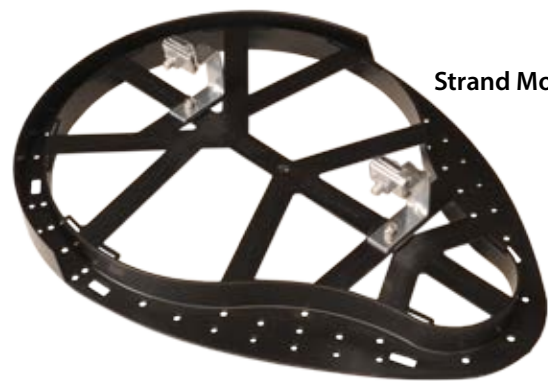
Strand Mount

ADSS Mount

Metal Sno Shoes have sharp edges that could damage your cables

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Slack Storage Devices

7" PLASTIC SNO-SHOE® W/MOUNTING BRACKET & HARDWARE

Stock ID	Model #	Mounting Kit	Channel Length	Channel Width	Channel Depth	MOQ
649-011-20	VASSB	Strand	22"	1.75"	1.0"	1 pc
649-011-10	VASSB	None	22"	1.75"	1.0"	1 pc
Overall Size		Weight Each	Bend Radius	Boxed Qty	Boxed Weight	
13.0"L x 11.0"W x 1.6"D		1.0 Lbs	3.5"	1	1.4 Lbs	

10" PLASTIC SNO-SHOE® W/MOUNTING BRACKET & HARDWARE

Stock ID	Model #	Mounting Kit	Channel Length	Channel Width	Channel Depth	MOQ
71211K	2110-SSPTB	Strand	52"	1.0"	1.0"	2 pcs
71220K	2110-SSPSS	ADSS	52"	1.0"	1.0"	2 pcs
Overall Size		Weight Each	Bend Radius	Boxed Qty	Boxed Weight	
23.8"L x 12.3"W x 1.1"D		1.4 Lbs	5"	2	3.5 Lbs	

16" PLASTIC SNO-SHOE® W/MOUNTING BRACKET & HARDWARE

Stock ID	Model #	Mounting Kit	Channel Length	Channel Width	Channel Depth	MOQ
71244K	2116-SSPTB	Strand	59"	1.0"	1.25"	2 pcs
71215K	2116-SSPSS	ADSS	59"	1.0"	1.25"	2 pcs
Overall Size		Weight Each	Bend Radius	Boxed Qty	Boxed Weight	
24.0"L x 18.0"W x 1.5"D		1.7 Lbs	8"	2	4.4 Lbs	

Customer Favorite

21" PLASTIC SNO-SHOE® W/MOUNTING BRACKET & HARDWARE

Stock ID	Model #	Mounting Kit	Channel Length	Channel Width	Channel Depth	MOQ
71221K	2121-SSPTB	Strand	80"	2.0"	1.75"	1 pc
71226K	2121-SSPSS	ADSS	80"	2.0"	1.75"	1 pc
Overall Size		Weight Each	Bend Radius	Boxed Qty	Boxed Weight	
33.0"L x 25.3"W x 2.0"D		4.8 Lbs	11.5"	1	6.7 Lbs	
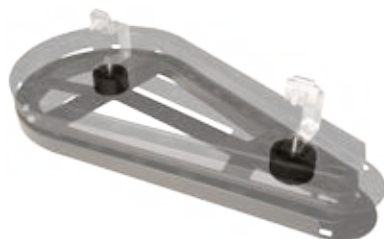
STACKING KIT FOR PLASTIC SNO-SHOE®

Stock ID	Kit Includes	Weight	MOQ
71301K	(2) Risers, (2) Bolts, (2) Washers, (2) Nuts	2 Lbs	1 Kit

Slack Storage Devices

16" Sno-Shoe shown with Strand Mounting Bracket fully open

16" PLASTIC ADJUSTABLE SNO-SHOE®

Stock ID	Model #	Mounting Kit	Channel Length	Channel Width	Channel Depth	MOQ
71255K	2116-SAPTBS	Strand	50"-62"	2.0"	2.0"	1 pc
71240K*	2116-SAPTBP	Pole w/Strut	50"-62"	2.0"	2.0"	1 pc
71236K	2116-SAPTBW	Wall	50"-62"	2.0"	2.0"	1 pc
71239K	2116-SAPTBR	Rack	50"-62"	2.0"	2.0"	1 pc
71225K	2116-SAPSS	ADSS	50"-62"	2.0"	2.0"	1 pc
Overall Size		**Weight Each**	**Boxed Qty**	**Bend Radius**	**Boxed Weight**	
24.5"L x 20.5"W x 2.3"D		5.1 Lbs*	1	8"	6.0 Lbs	

*71240K includes 6ft unistrut. Add 10 lbs.

24" Sno-Shoe shown with Strand Mounting Brackety fully open

24" PLASTIC ADJUSTABLE SNO-SHOE®

Stock ID	Model #	Mounting Kit	Channel Length	Channel Width	Channel Depth	MOQ
71258K	2124-SAPTB	Strand	75"-87"	2.25"	.88"	1 pc
71261K*	2124-SAPTBP	Pole w/Strut	75"-87"	2.25"	.88"	1 pc
71263K	2124-SAPTBW	Wall	75"-87"	2.25"	.88"	1 pc
Overall Size		**Weight Each**	**Boxed Qty**	**Bend Radius**	**Boxed Weight**	
36.8"L x 28.8"W x 2.0"D		9.6 Lbs*	1	8"	11.4 Lbs	

*71261K includes 6ft unistrut. Add 10 lbs.

EXTENSIONS FOR ADJUSTABLE SNO-SHOES®

Stock ID	Kit Includes	MOQ
10-7168	(2) 18" Extensions & (2) Hardware Kits	1 Kit
10-7169	(2) 48" Extensions & (2) Hardware Kits	1 Kit

Stock ID	Description	Dimensions	Color	UOM
10-4653	Slack Box SSB-303612	30" x 36" x 12"	Gray	Each
10-4666	Slack Box SSB-364212	36" x 42" x 12"	Gray	Each

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Slack Storage Devices

(Knockouts For MRM75, MRC75 & Single Fiber Raceway)

Stock ID	Description	Dimensions	Color	UOM
10-9433	MRS-3TB-LW	3.95" x 3.95" x 1.19"	Linen White	Each
10-9434	MRS-3TB-IV	3.95" x 3.95" x 1.19"	Ivory	Each
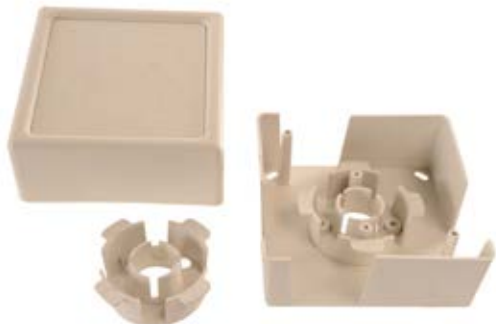
(Knockouts For MRM75, MRC75, MRM12 & MRC12)

Stock ID	Description	Dimensions	Color	UOM
020-026-10	MRS-6TB-LW	5.00" x 5.00" x 2.00"	Linen White	Each
020-026-11	MRS-6TB-IV	5.00" x 5.00" x 2.00"	Ivory	Each

Fiber Optic Exterior Slack Storage Box
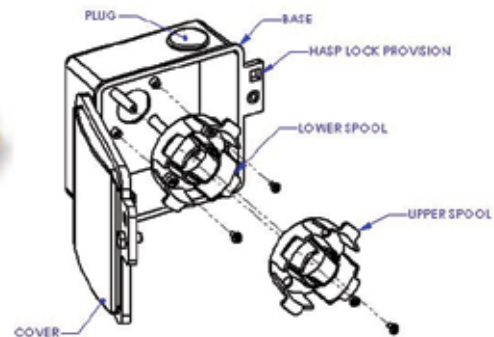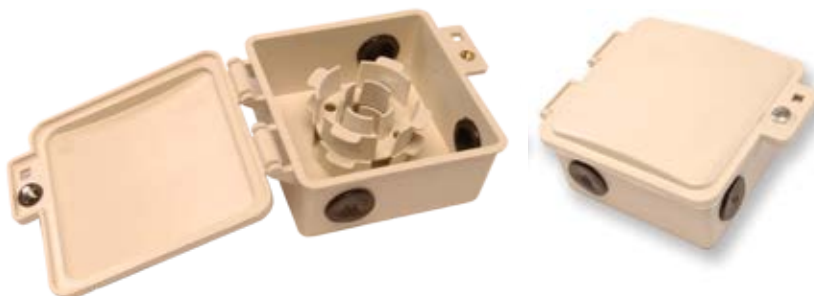
Multilink's OSP slack storage box is 5" W x 5" L x 2" D. This OSP slack storage box is used for exterior slack storage applications using 3mm single fiber cable. There are two stackable storage spools that allow storage of multiple single fiber cable drops. Both of these spools are removable. In an instance where only one spool is sufficient, the spool can either be secured at a lower level or can be mounted at an elevation onto the risers off the back of the inside of the box as a spool on the upper level. This allows additional storage under the spool. There are three entry points sealed with removable cap plugs, or it can be ordered without holes. The diameter of each entry hole is 1 inch. The box is equipped with a hex bolt (with a retainer) that can be secured using a standard 216C type wrench. In addition to the above, the box is also equipped with a provision for a hasp lock. A built-in hinge allows captive and non-captive flexibility.

FILL CHART			
Bend Radius	**Cable Type**	**EIA/TIA 40%**	**Maximum Fill**
1.263 Inches	3mm Fiber Optic Cable	5.2 1.58 M	13' 3.9 MRT
1.211 Inches	3mm Fiber Optic Cable	4.4 1.34 M	11' 3.52 MRT

Stock ID	Description	Dimensions	Color	Std. CRT Size	UOM
020-004-23	Slack Box, Exterior with 3, 1" holes	4.8 L x 4.8 W x 2.2 D	Ivory	1	Each
020-004-24	Slack Box, Exterior without holes	4.8 L x 4.8 W x 2.2 D	Ivory	1	Each

3015-MSGK Mid-Span Grounding/Bonding Enclosure

The Starfighter Mid-Span Grounding Closure is specifically designed to allow for meeting grounding and bonding specifications. The closure has a Gel Seal technology to provide for a water tight seal without the need for any additional grommets or special seals. The closure is also designed for re-sealing cable sheath damaged as a result of placing or outside plant events.

Features & Benefits
• Completely sealed with Gel Seal technology.
• Ease in installation requiring no special tools.
• Compact for tight areas.
• Mid-access design for installation over existing cables without disturbing a working cable.
• Can be used for above or below grade applications.

Stock ID	Description	Dimensions	Weight Lbs.	UOM
313015MS6K	3015-MSGK Mid-Span Grounding Bonding Enclosure	12"L x 2.38"D	1.86	Each

Cable Markers

MFM Series Lasered Fiber Optic Cable Marker UV Stabilized Body for Weather and Color
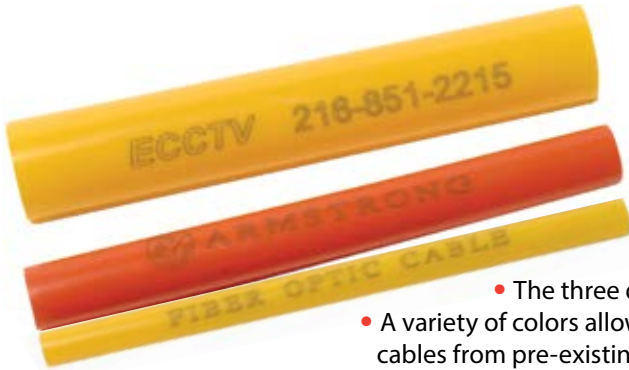
Features & Benefits

- Lifetime warranty on printing and a 20 year pro-rated warranty on plastic body
- Customization provides easy identification of your cables during emergencies or general maintenance
- UV stabilized body won't degrade in outside applications
- Simple and quick installation: Wrap-around design eliminates the need for special tools and adhesives.
- The three different sizes can accommodate a variety of cable configurations
- A variety of colors allow you to segregate your different fiber runs or to distinguish your cables from pre-existing cables

Ordering Information

MFM	-		-		-	

MULTILINK FIBER MARKER	MARKER DIAMETER SIZE	CUSTOM MARKER OPTIONS	MARKER COLOR OPTIONS

MARKER DIAMETER SIZE

12	.5" x 8"
15	1" x 8"
20	2" x 8"

*Other custom lengths available upon request

CUSTOM MARKER OPTIONS

00	Lasered "Fiber Optic Cable"
RT	Custom Text
SL	Special Logo

MARKER COLOR OPTIONS

Standard Colors

01	Yellow
02	Orange

Custom Colors

03	Blue
04	Green
05	Gray
06	White
07	Brown
08	Red

*Other custom colors available upon request

- MRM Flag style markers available for 1" cable.
- Same great features with added space for custom identification.
- Marker length is custom to request.
- Contact customer service for more information.

500 Minimum Order with both RT & SL part numbers
5,000 Minimum Order for custom colors
Please contact customer service for custom orders and more information
Please note: $75.00 one time set-up fee for special logo

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MULTITAG™ Tamper Resistant Security Seals

The Multilink, Inc. MULTITAG™ was designed with the installer's problems and needs in mind. The uniquely patented design surrounds the cable with both the body and hasp, making the tag virtually tamperproof!

Customer Favorite

Get Your Custom Logo Engraved On Your Tags!

MT	-		-		-	

MULTILINK TAG	OPTION 1	OPTION 2	TAG COLOR

Identification Options

PO*	Plain
LW*	Large Writing Panel
BA*	Barcode w/Alphanumerical (5,000 MOQ)
A	7 Digit Alphanumerical
N	Custom Name
L	Custom Logo
W	Writing Panel
O	Denotes No Second Option Desired

*Second option not available

Color Options

01	Yellow	**09**	Lt. Blue
02	Orange	**10**	Dk. Blue
03	Purple	**11**	Lt. Green
04	Gold	**12**	Dk. Green
05	White	**13**	Blue Green
06	Black	**14**	Rose
07	Red	**15**	Beige

Other custom colors available upon request

Standard Package is 100 pieces per bag

MT-AL
7 Digit Alphanumerical w/Custom Logo

MT-WN
Writing Panel w/Custom Name

Type A
(Standard)

Type B

Please specify which loop style you prefer when placing your order.
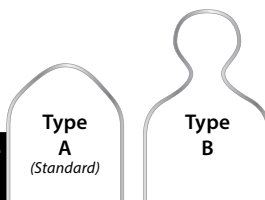
MULTITAG™ Tamper Resistant Security Seals

MT-LO
Custom Logo

MT-WL
Writing Panel w/Custom Logo

MT-AN
7 Digit Alphanumerical w/Custom Name

MT-WA
Writing Panel, w/7 Digit Alphanumerical

MT-AO
7 Digit, Alphanumerical

MT-PO
Plain

MT-WO
Writing Panel

MT-NO
Custom Name

MT-LW
Large Writing Panel

MT-BA
Bar Code w/7 Digit Alphanumerical
(Minimum Order of 5,000 pieces)
Bar Code your Multilink, Inc. MULTITAG™ and get a second set of bar codes to stick on the audit work sheet report!

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Environmetally Controlled, Forced Convection & Natural Convection

SmartPed 2000-FNC

Applications

An above-ground housing to shelter amplifiers, splice enclosures, nodes, and provide ample space for slack storage in a secured environment.

Features & Benefits

- Pedestal consists of one piece continuous frame made up of galvanealed steel and a top, four doors and skirts made up of galvanealed steel
- Pedestal parts are coated with 2-3 mils of polyester powder coat after undergoing 5 pretreatment processes
- All four doors and top are detachable using stainless steel slide off hinges (8)
- Front doors are locked with a rod-roller system including a flush mounted 1 piece lock
- Back doors are also locked internally and can only be accessed from inside the pedestal
- All door ventilation louvers are backed with fiberglass bug screens
- Convection air flow system in place to properly ventilate cabinet
- Pedestal can either be concrete pad mounted, stake mounted, or vault mounted
- All vertical seams are sealed with synthetic rubber seal, entire cabinet is rain tight
- Built-in universal mounting hardware and accessories made of galvaneal with polyester powder coat to withstand all environments.
- Safety Corners™

Construction

Main Body	Galvannaled Steel / Safety Corners All Vertical Seams Sealed w/ Synthetic Rubber Seal
Hardware	Stainless Steel
Finish	Polyester Powder Coat
Capacity	Ample Space To Mount Amplifiers, Splice Closures, Nodes And Slack Storage

Door	Front Dual Doors, 3 Point Latch, Lockable Back Dual Doors, Locked From Inside All Doors Removable Detachable Top
Cable Entrance	Bottom Open For Concrete Pad, Or Vault Mounting
Heating and Cooling	Natural Convection All Door Louvered Top, Bottom And Back w/ Bug Screen

Part#	Description	Dimensions	UOM
12467K	2000-FNC Node Cabinet and Pedestal Base, includes two mounting rods and slack storage brackets	50"H x 30"W x 16"D	Each
12824	BS-24 Stake	24" L	Each
12432	BS-32 Stake	32" L	Each
12845	BS-42 Stake	42" L	Each

Customize internal SmartPed components to fit your broadband needs. Call Customer Service for more information. (440.366.6966)

MQ-FRM

Multilink's MQ-FRM Enclosure is designed to hold 19" or 23" rack mounted equipment in outside plant. The rack is 28" tall (16 Rack Units). Equipped with front and back removable doors for convenient access. The MQ-FRM enclosure is designed for passive cooling to utilize the phenomenon of natural convection to the highest possible extent. The ventilation louvers and the slope vented roof assist entry of cool air at the ground level and the rejection of hot air into the environment through the roof. All ventilation louvers backed with bug screens.
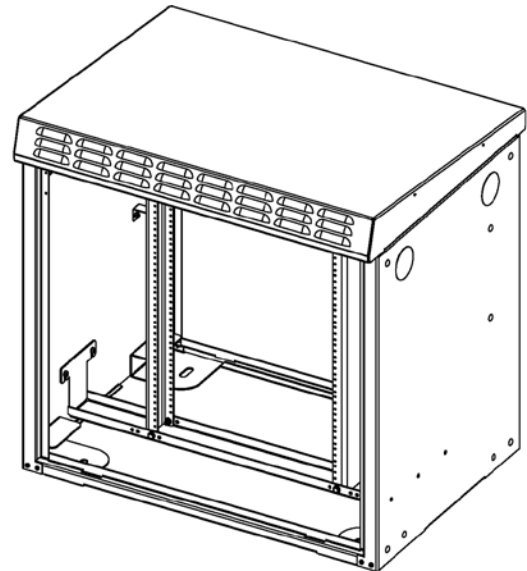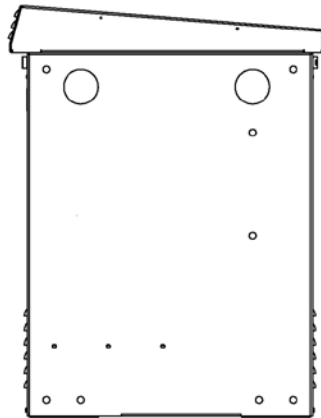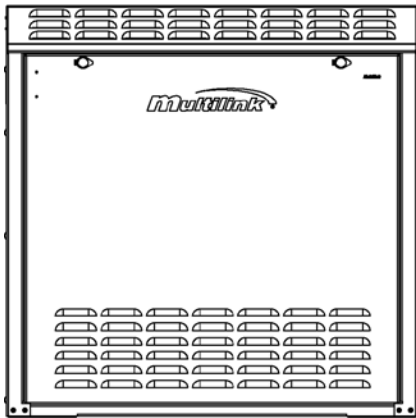
Adjustable Rails for 19" or 23" Mounting

Construction

Main Body	Aluminum
Hardware	Type 304 Stainless Steel
Finish	Polyester Powder Coat
Rack	19"- 23" Adjustable Width 16RU Height 10-32 Threads EIA/TIA Spacing
Door	Front and Back Access Panels, Both Dual Keyed

Cable Entrance	(2) 3.0" Knockouts, Right Side, High (2) 3.0" Knockouts, Left Side, High Open Bottom
Mounting	Ground

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
030-031-10	Enclosure w/ 10-32 Threaded Rails	35.5" H x 36" W x 25" D	Gray	92	Each
030-075-10	Enclosure w/ 12-24 Threaded Rails	35.5" H x 36" W x 25" D	Gray	92	Each
802-008-10	Pre-Cast Polymer Pad w/ Inserts	40" L x 30" W x 4" D	-	92	Each

Opto-Electronic Enclosure

Solar Shield to Reduce Sun Loading

Removable Lifting Hooks

3-Point Padlockable Latch

4000BTU Air Conditioner *(optional)*
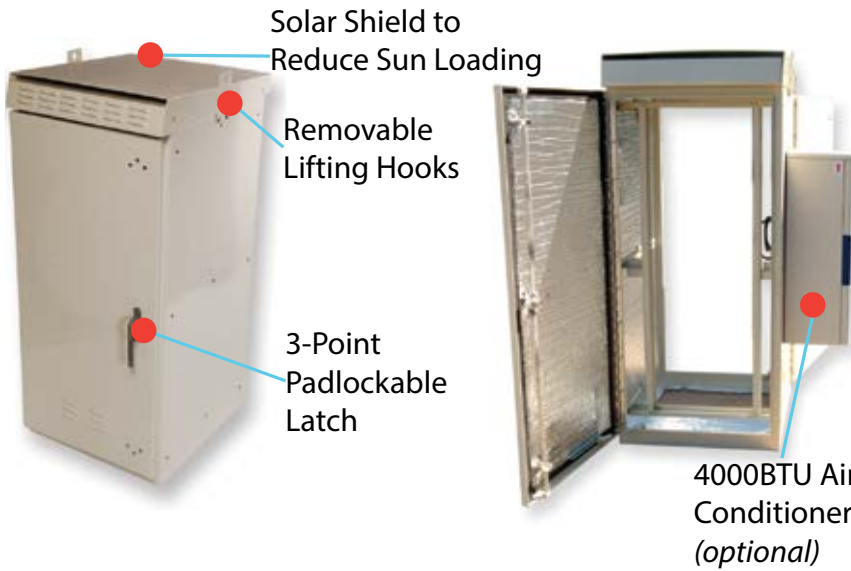
Multilink's Opto-Electronic Enclosure is designed for 19" & 23" rack mounted equipment. This enclosure is designed to protect the equipment from dust, snow and rain. It is equipped with two duplex GFI outlets, a fluorescent light that gets activated by an automatic pressure switch when the door opens. The internal rack is 52" height (29 Rack Units). Also equipped with a solar shield installed above the roof for additional protection from sun loading. An optional air conditioner is available.
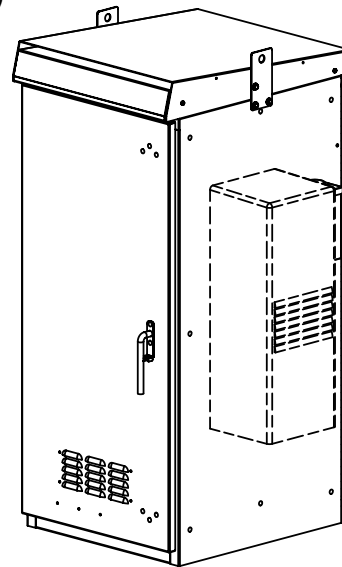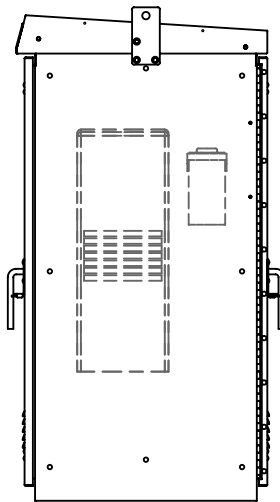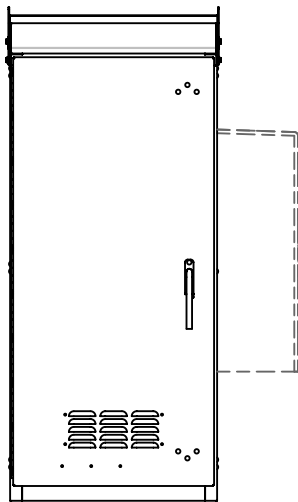
Construction

Main Body	Aluminum
Hardware	Stainless Steel
Finish	Polyester Powder Coat
Rack	19"- 23" Adjustable Width 29RU Height 10-32 Treads EIA/TIA Spacing
Door	Front and Back 3 Point Latch, Piano Hinge, Light Contol Switch, Wind Stop
Cable Entrance	14" x 24" Rectangle Opening On Bottom, Rear
Mounting	Ground

Heating and Cooling	Ventilation Louvers On Bottom Of Both Doors Backed By Bug Screen Sloped Roof w/ Ventilation Louvers Backed By Bug Screen Solar Shield Protecting Roof Fan Shelf, 1RU, (6) 100 CFM Fans Mounted On Rack at Top (744-386-20) 120Vac, 15A Breaker, 10ft Cord
Optional Air Conditioner	4000 BTU Air Conditioning w/ Integral Heater
Powering	Customer To Supply 120/240VAC (3) Duplex Receptacle GFCI, 15A, 125VAC, 60Hz (1) Light, 18", 15W, 120VAC (F15-T8-CW/TSC) Controlled By Door Switch

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
030-129-10	Opto-Electronic Enclosure	65.5" H x 28" W x 33" D	Beige	230	Each
030-129-20	Opto-Electronic Enclosure w/ A/C Unit & Service Entrance	65.5" H x 28" W x 33" D	Beige	270	Each

Wall/Pole Mount 21RU

Customer Favorite

Door Alarm Switch

Swing Out Rack for Easy Rear Access

Isolated Copper Bus Bar
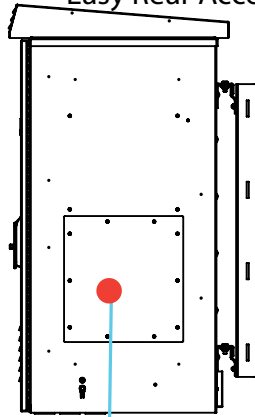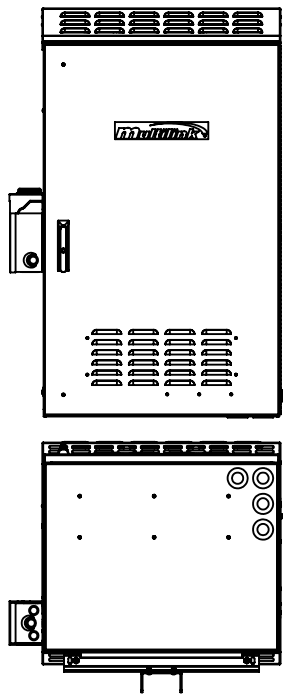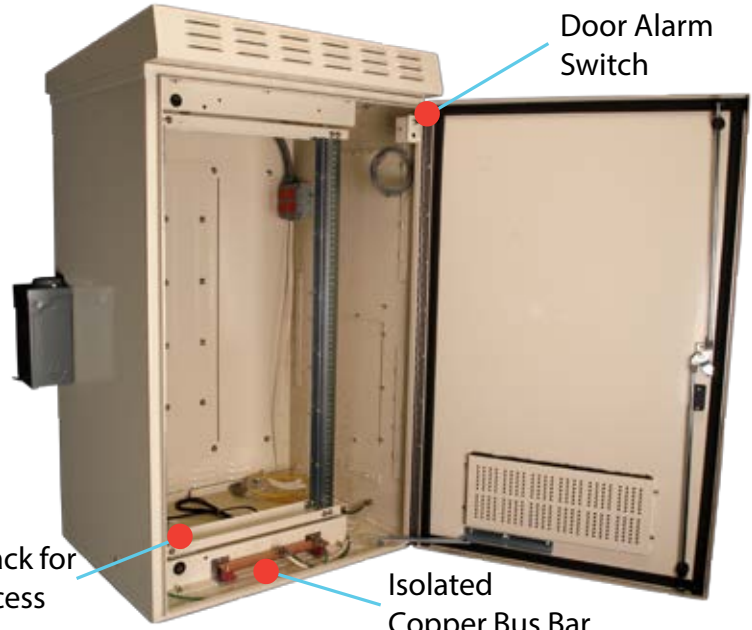
Removable Panel for Optional Heat Exchanger
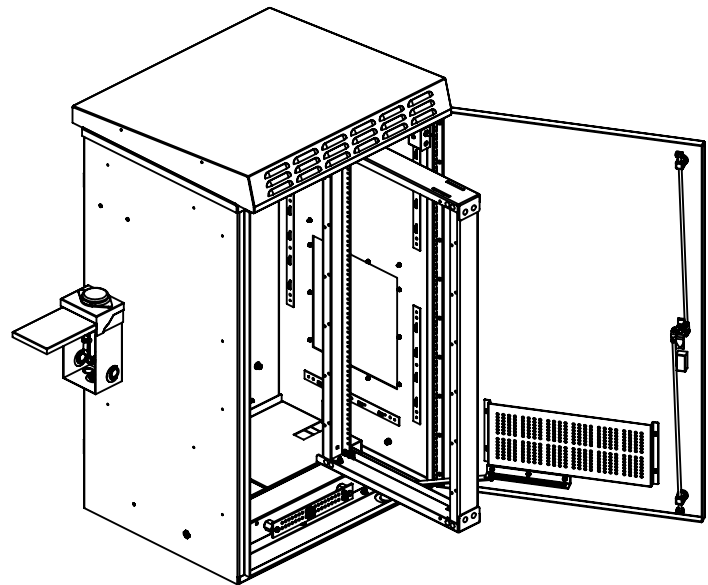
Construction

Main Body	1/8" Aluminum
Hardware	Stainless Steel
Finish	Polyester Powder Coat
Rack	19"-Width, Swingout 21RU Height 10-32 Treads EIA/TIA Spacing
Door	3 Point Latch, Piano Hinge, Wind Stop

Cable Entrance	(4) Dual Stage Knockouts 1-3", Located Front Right of the Cabinet
Heating and Cooling	Can Include A/C or Heat Exchanger
Grounding	All Components Are Grounded To The Main Bus Bar
Mounting	Wall And Pole Mount
Powering	120/240VAC Service Entrance, 20 Amp Circuit Breaker, Surge Protector, (2) Duplex Receptacle, 125V, 20A Ground Bar

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
030-202-10	Wall/Pole Mount 21RU	50" H x 29" W x 24"D	Beige	210	Each

Specifications subject to change without notice.
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Backhaul 12RU

Featured Product

Construction

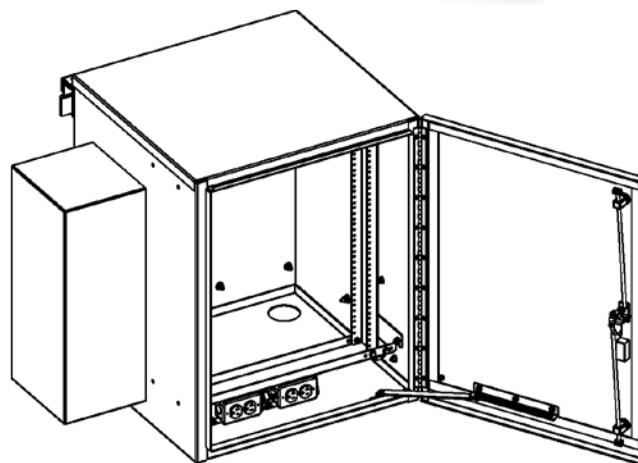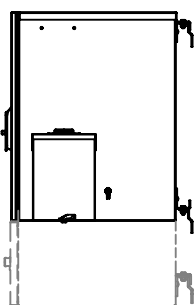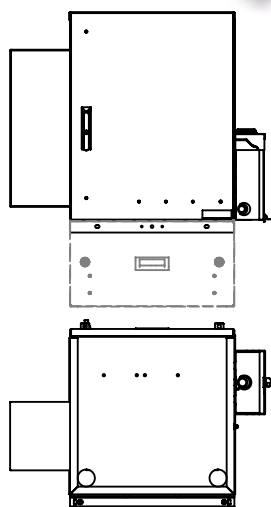| Main Body	Aluminum
Hardware	Stainless Steel
Finish	Polyester Powder Coat
Rack	19" Width 11RU Height 10-32 Threads EIA/TIA
Door	3 Point Latch, Piano Hinge, Wind Stop

Heating & Cooling	Dual thermostatically controlled, 48V DC, 100CFM fans with patented lifesaver roof
Mounting	Wall/Unistrut
Powering	125V Duplex Receptacle w/Service Entrance
Cable Entrance	4 X(Ø1.5 X 2.25") Dual Stage Knockouts 1 X(Ø4.00") Single Stage Knockout

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
030-180-40	12RU Wall/Unistrut Mount (configured as shown)	31" H x 26" W x 23.5" D	Beige	87	Each
030-180-60	12RU Pole Mount (configured as shown)	31" H x 26" W x 26.2" D	Beige	93	Each
030-180-25	12RU Wall/Unistrut Mount (w/o service entrance, fused 48V DC Fans)	31" H x 22" W x 23.5" D	Beige	85	Each

Backhaul 12RU

120V Fan
Wiring

4" Din Rail

8 -Position
Terminal Block

Front-to-back
Adjustable 10RU
Mounting Rack

120V Duplex
Receptacle and
Service Entrance

Patented Lifesaver
Roof (100%
Isolated Air Flow)

Dual
100CFM Fans
(120V AC operation)

Knockouts
(4) 1.5"/2.25"
(1) 4"

Isolated Copper
Bus Bar

Switch For
Activating
Open Door
Alarm

Continuous
Stainless Steel
Piano Hinge

Automatic Wind
Stop

Gasketed
Door

Padlockable
3-Point Latch

Ventilation louver
pocket
(houses bug screen, air
filter, or EMI/RF shield)

Dual Door Backhaul 17RU

Construction

Main Body	Aluminum
Hardware	Stainless Steel
Finish	Beige Polyester Powder Coat
Rack	19" Width 17RU Height 10-32 Threads EIA/TIA Spacing
Door	Front and Back 3 Point Latch, Piano Hinge, Light Contol Switch, Wind Stop

Heating & Cooling	Full Foil-Faced Insulation, Strategically Placed Ventilation Louvers, Patented Lifesaver Design, and (2) 100CFM Fans
Mounting	Pole Mount
Powering	Dual 125V Duplex Receptacles
Cable Entrance	2 X(Ø2.47 X1.38") Dual Stage Knockouts 1 X(Ø4.00") Single Stage Knockout

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
030-201-10	17RU Dual Door Backhaul	41" H x 20.5" W x 22" D	Beige	150	Each

Backhaul 18 RU w/Generator Hookup

Dual 100 CFM Fans

Surge Protection

Door Alarm Switch

Copper Bus Bar
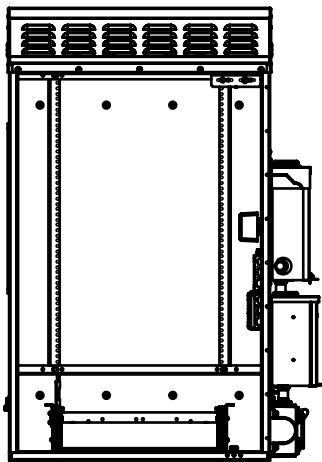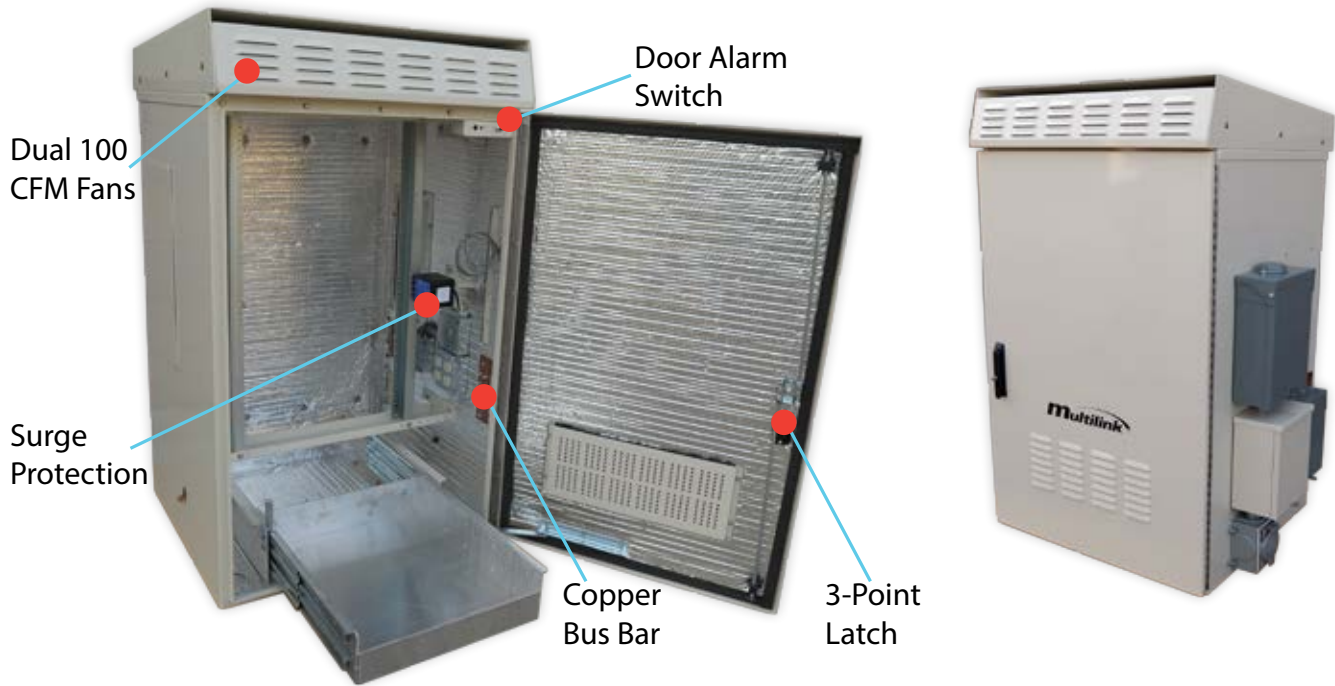
3-Point Latch

Front View With Door Removed
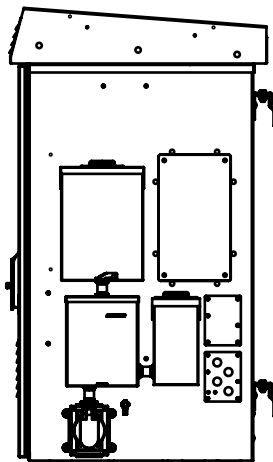
Rear View With Pole Bracket Removed

Construction

Main Body	Aluminum
Hardware	Stainless Steel
Finish	Polyester Powder Coat
Rack	19" Width 18RU Height 10-32 Threads EIA/TIA
Door	3 Point Latch, Piano Hinge, Wind Stop

Heating & Cooling	Dual thermostatically controlled, 48V DC, 100CFM fans with patented lifesaver roof and heat shield
Mounting	Wall
Powering	Dual 125V Quad Receptacles , 100Amp 120/240V 6 Position Service Entrance, 70Amp 240V 2 Position Service Entrance, and Generator Hookup w/Transfer Switch
Cable Entrance	6 X(Ø1" X 2") Dual Stage Knockouts

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
030-185-10	WMO-18RU-N4-BAT-BE	50" H x 34.5" W x 28.5" D	Beige	260	Each

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Wall/Pole Mount 14-RU-N4-AC

An above ground housing to shelter environmentally sensitive equipment from rain, sleet, snow, dust, driving wind, hail, corrosion, and vandalism.

Construction

Main Body	1/8" Aluminum
Hardware	Type 304 Stainless Steel
Finish	Polyester Powder Coat
Rack	19" Width 14RU Height 10-32 Threads EIA/TIA Spacing
Door	3 Point Latch, Piano Hinge Wind Stop
Optional Battery Drawer Capacity	(3) Group 31 or (3) Group 24 or (3) Group 27

Cable Entrance	Standard - (2) 3" conduit entrances located in the bottom rear of the compartment With Battery Drawer - (2) 2.5" conduit entrances located in the back wall
Heating and Cooling	1400-1600 BTU Air Conditioner
Grounding	All components are grounded to the main copper bus bar
Powering	60 Amp Service Entrance AC Load Center (2) Duplex Outlets, 125V 20 Amp Breaker

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
10-6951	WMO-14RU-N4-AC Wall Mount Enclosure	30.5" H x 24" W x 24" D	Gray	185	Each
10-9160	WMO-14RU-N4-AC Wall Mount Enclosure	30.5" H X 24" W x 24" D	Beige	185	Each
030-152-10	PMO-14RU-N4-AC Pole Mount Enclosure	30.5" H x 24" W x 24" D	Gray	185	Each
030-152-20	WMO-14RU-N4-AC Wall Mount Enclosure w/ 500watt Integral Heater	30.5" H X 24" W x 24" D	Gray	185	Each
030-146-10	WMO-14RU-N4-AC-BAT-PG Wall Mount Enclosure w/ Battery Drawer	43" H x 28" W x 23" D	Gray	205	Each
030-146-11	WMO-14RU-N4-AC-BAT-BE Wall Mount Enclosure w/ Battery Drawer	43" H x 28" W x 23" D	Beige	205	Each
030-151-10	PMO-14RU-N4-AC-BAT-PG Pole Mount Enclosure w/ Battery Drawer	43" H x 28" W x 23" D	Gray	205	Each
030-151-11	PMO-14RU-N4-AC-BAT-BE Pole Mount Enclosure w/ Battery Drawer	43" H x 28" W x 23" D	Beige	205	Each

17RU Mini-OTN

An above ground housing to shelter environmentally sensitive equipment from rain, sleet, snow, dust, driving wind, hail, corrosion, and vandalism.
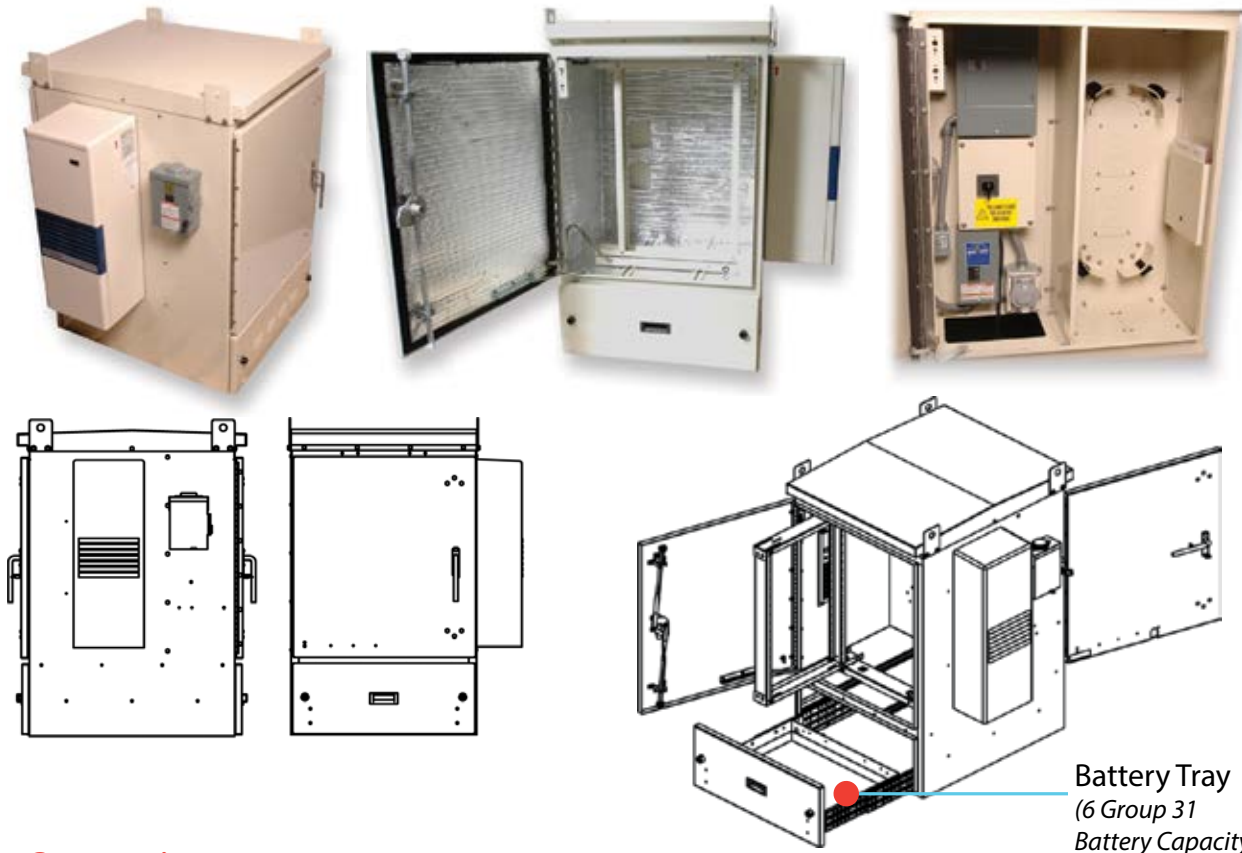
Battery Tray
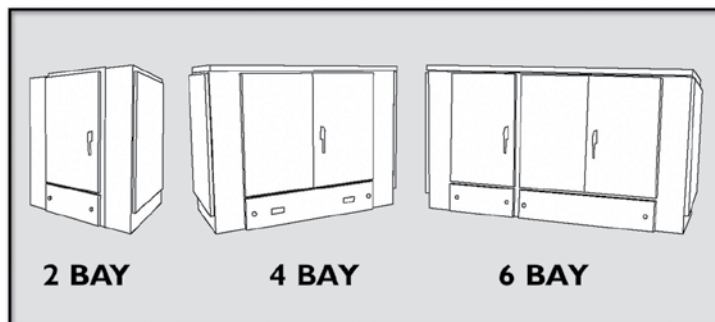*(6 Group 31 Battery Capacity)*

Construction

Main Body	1/8" Aluminum
Hardware	Type 304 Stainless Steel
Finish	Polyester Powder Coat
Rack	19"-23" Adjustable Width 17 RU Height 10-32 threads EIA/TIA spacing

Door	Front - (Rack Section)
	  3 Point Latch, Piano Hinge,
	  Light Control Switch, Wind Stop
	Back - (Power Slack Storage Section)
	  3 Point Latch, Piano Hinge, Wind Stop

Cable Entrance	8" x 20" Regular Opening On Bottom Back
Heating & Cooling	4000 BTU Air Conditioning w/ Integrated Heater

Grounding	All components are grounded to the main copper bus bar

Powering	120/240VAC Service Entrance,
	  30A/250VAC Fuses
	Generator Hook-Up w/ Manual Switch
	(1) Duplex Receptacle, GFCI 20A,
	  125VAC, 60Hz
	(1) Duplex Receptacle, GFCI 15A,
	  125VAC, 60Hz
	(1) Power Strip, 6 Positions, 120VAC,
	  15A Breaker
	(1) Light, 18", 15W, 120V (F15 T8 CW/TSC)
	  Controlled By Front Door Switch

Stock ID	Description	Dimensions	Color	UOM
030-123-10	Mini OTN w/ 4000 BTU A/C Unit	55.25" H x 42.5" W x 39" D	Beige	Each
030-123-50	Mini OTN w/o A/C Unit	55.25" H x 39" W x 39" D	Beige	Each
030-120-10	Mini OTN, w/ 6000 BTU A/C Unit	55.25" H x 42.5" W x 39" D	Beige	Each

OTN Cabinet

The Multilink OTN Cabinet was designed to solve all your remote access needs. It has a compartmentalized design which is easily configurable to fit most applications in the CATV, Outside Plant, and Wireless markets. It can serve as a mini-headend, optical transition node, repeater, hub site, telephony "point of presence", or a cellular microcell site. It is 100% environmentally sealed, therefore, it can house and protect all your environmentally sensitive equipment from the rain, snow, sleet, hail, and driving winds.

Construction

Main Body	1/8" Aluminum
Hardware	Type 304 Stainless Steel
Finish	Polyester Powder Coat
Rack	19"-23" Adjustable Width 10-32 Threads EIA/TIA Spacing 2 Bay 47RU / 4 Bay 95RU / 6Bay 142 RU *Front Racks Swing, Back Fixed
Door	3 Point Latch, Light Control Switch, Piano Hinge, Wind Stop

Cable Entrance	Large Openings On Bottom Of Power And Slack Storage Ends
Heating and Cooling	8,000-12,000 BTU Air Conditioning w/ Integrated Heater Heat Exchangers Available As Options
Grounding	All components are grounded to the main copper bus bar
Mounting	Ground
Powering	60 Amp generator hook-up MAC load center w/ GFI outlets 220V outlet

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
14002-1	2 Bay OTN Cabinet Without Battery Tray - 8,000 BTU A/C	62.5" H x 54.5" W x 36.5" D	Gray	760	Each
14002-2	2 Bay OTN Cabinet With Battery Tray - 8,000 BTU A/C	62.5" H x 54.5" W x 36.5" D	Gray	760	Each
14002-2-BE	2 Bay OTN Cabinet With Battery Tray - 8,000 BTU A/C	62.5" H x 54.5" W x 36.5" D	Beige	760	Each
14001	4 Bay OTN Cabinet With Battery Tray - 12,000 BTU A/C	62.5" H x 78.5" W x 36.5" D	Gray	960	Each
030-155-20	4 Bay OTN Cabinet With Battery Tray 13,000 BTU A/C and Solar Shield	62.5" H x 78.5" W x 36.5" D	Gray	960	Each
030-179-10	4 Bay OTN Cabinet With Battery Tray - 48Vdc 2,500 Watt Heat Exchanger and 4 Swingout Racks	62.5" H x 78.5" W x 36.5" D	Beige	960	Each
14000	6 Bay OTN Cabinet With Battery Tray - 12,000 BTU A/C	62.5" H x 106.5" W x 36.5" D	Gray	1,200	Each

OTN Cabinet

Power Section Equipped with Heat Exchanger: Multilink OTN Cabinets are available with air conditioning or heat exchanger, depending upon the climate that the cabinet is being used in, and the thermal rating of the electronics housed within. Call Multilink Customer Service, and we can help you choose the best cabinet for your application! **OTN Cabinets can be ordered as a complete assembly including fiber management & patch panels. Please call Customer Service for more information and ordering options.

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Cabinet Options

Product Description

Multilink's Fan Shelf is designed for both 19" & 23" rack configurations. It provides a massive airflow of 600 CFM. This unique design enables an automatic activation and deactivation of the fans at 100° F and at 90° F respectively. The Fan Shelf operates on 120V AC and is also equipped with a 15 Amp circuit breaker switch (conveniently located towards the front) and a 10 ft. power cord for convenient use in any sized enclosure. Included with the Fan Shelf is a universal mounting kit with required hardware to enable 19" or a 23" configuration.

General Specifications

Construction	Durable Aluminum Construction		Finish	Powder Coat Black
Material	3003 H-14 Aluminum		Dimensions	17"W x 1.75"H x 14.84" D
Hardware	Stainless Steel		Weight	14 lbs. (6.35kg)

Part #	Description	Dimensions	Weight (lbs)	UOM
744-386-20	600 CFM Fan Shelf	28" W x 1.75" H x 14.84" D	14	Each
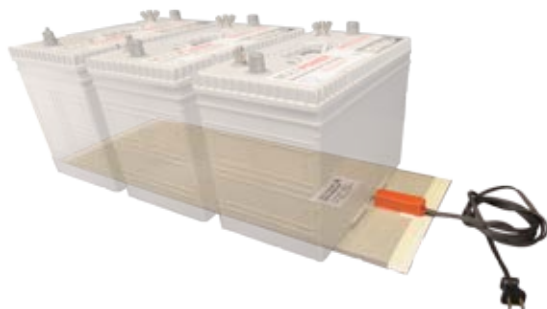
Battery Heater Pad

Stock ID	035-079-10
Description	3 Battery Configuration Heater Pad with 6' Power Cord 120V/175W
UOM	Each
Dimensions	10"W x 27"L

Custom Cabinet Ordering Guide
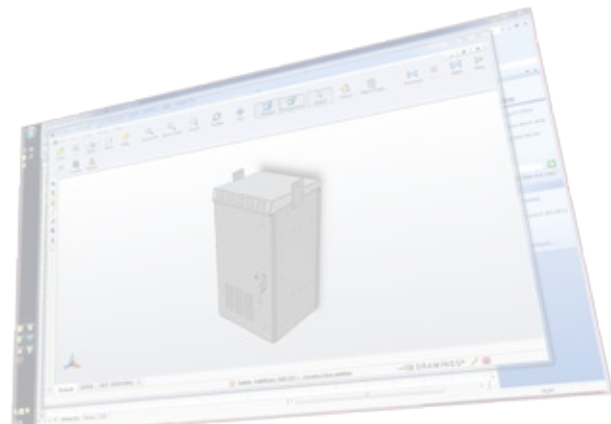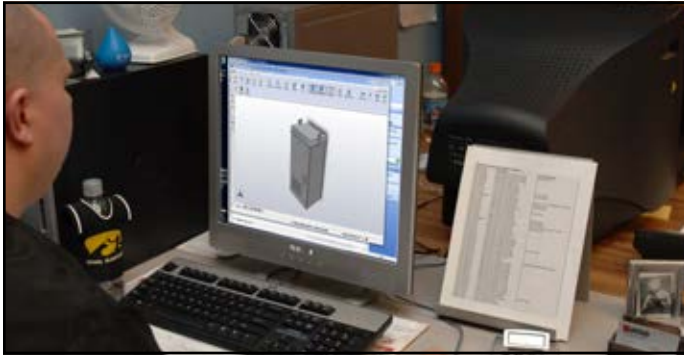
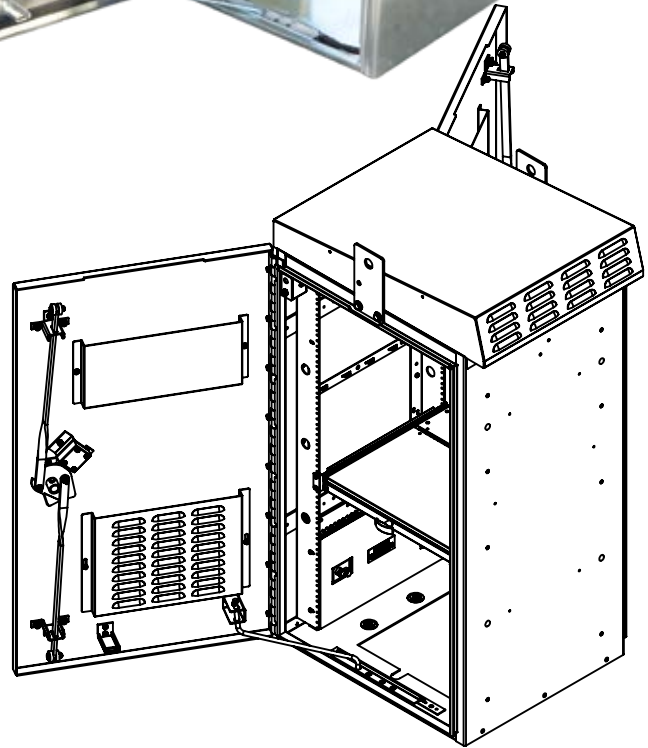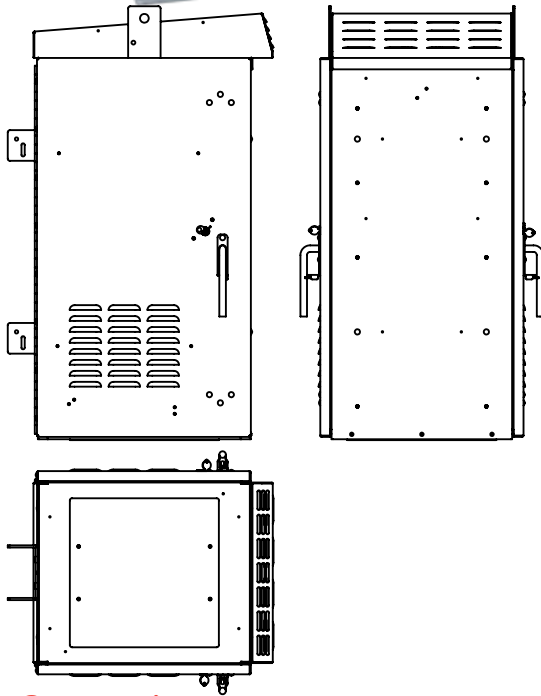| Features	Options	Response
Cabinet Evironment	Indoor or Outdoor	
Material	Steel or Aluminum	
Preferred Size	H" x W" x D"	
Color	Beige, Gray, White (Contact for custom color)	
Access Doors	Front, Rear, or Dual	
Desired Locking Mechanism	Cam Lock, 3-Point Latch, Pad Lockable, etc...	
Heating & Cooling	Vents, Fans, A/C, Heat Exchanger (Please contact us to discuss the application)	
Insulating Foil	Yes or No	
Solar Shield	Yes or No	
Electrical Outlet	Yes or No (If yes please specify quantity, Amps & voltage details)	
Service Entrance	Yes or No (If yes please specify number of breakers, Amps & voltage details)	
Meter Base	Yes or No (If yes please specify Amps and any other details)	
Mounting Preference	Wall Mount, Pole Mount, Unistrut Mount, or Pad Mount	
Fiber Management Tie Down Strips	Yes or No	
Generator Disconnect	Yes or No	
Surge Suppression	Yes or No	
Rack System	Yes or No (If yes please specify width)	
Rack Spaces Required	If applicable	
Rack Style	Swing out or Fixed	
Front To Back Adjustable Rack	Yes or No	
Pre-Threaded Rack	Yes or No (If yes please specify screw size)	
Max Equipment Depth	If applicable	
Desired Clearance	From front face of rack rails to the inside face of the door	
Separate Battery Storage	Yes or No	
Light Kit	Yes or No	

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NEW ## Transportation Technology Products

95% of all Multilink products are manufactured in the USA. What that means to you is faster delivery, better quality products, and the satisfaction of knowing you are keeping American workers employed.

336 Stretch Traffic Control Cabinet

NEW

Construction

Main Body	1/8" Aluminum w/Synthetic Rubber Seal
Hardware	Stainless Steel
Finish	Bare
Rack	19" Width 21RU Free Spaces (23RU Total Capacity) 10-32 Treads EIA/TIA Spacing
Door	Dual Door, 3 Point Latch, Corbin #2 Lock, Piano Hinge, Wind Stop, Vent Pocket, Document Holder

| Cable Entrance	Cable entry locations in bottom of enclosure
Heating and Cooling	Forced convection w/ cooling fans
Grounding	All components are grounded to the main ground bar
Powering	120V AC ,60Hz 1-PHASE
Accessories/ Special Features	CCTV Panel, 1RU Sliding Drawer Shelf, Power Strip, 2 Light Fixtures

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
030-183-11	336 Stretch Traffic Cabinet	48.6"H x 24.4"W x 23.25"D	Bare	205	Each

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Multilink®

NEW # 336 Stretch Traffic Control Cabinet

Construction

Main Body	1/8" Aluminum w/Synthetic Rubber Seal
Hardware	Stainless Steel
Finish	Bare
Rack	19" Width 21RU Free Spaces (23RU Total Capacity) 10-32 Treads EIA/TIA Spacing
Door	Dual Door, 3 Point Latch, Corbin #2 Lock, Piano Hinge, Wind Stop, Vent Pocket, Document Holder

Cable Entrance	Cable entry locations in bottom of enclosure
Heating and Cooling	Forced convection w/ cooling fans
Grounding	All components are grounded to the main ground bar
Powering	120V AC ,60Hz 1-PHASE
Accessories/ Special Features	CCTV Panel, 1RU Sliding Drawer Shelf, Power Strip, 2 Light Fixtures

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
030-206-10	336 Stretch Traffic Cabinet	48.7"H x 24.4"W x 23.2"D	Bare	-	Each

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332 Traffic Control Cabinet

NEW
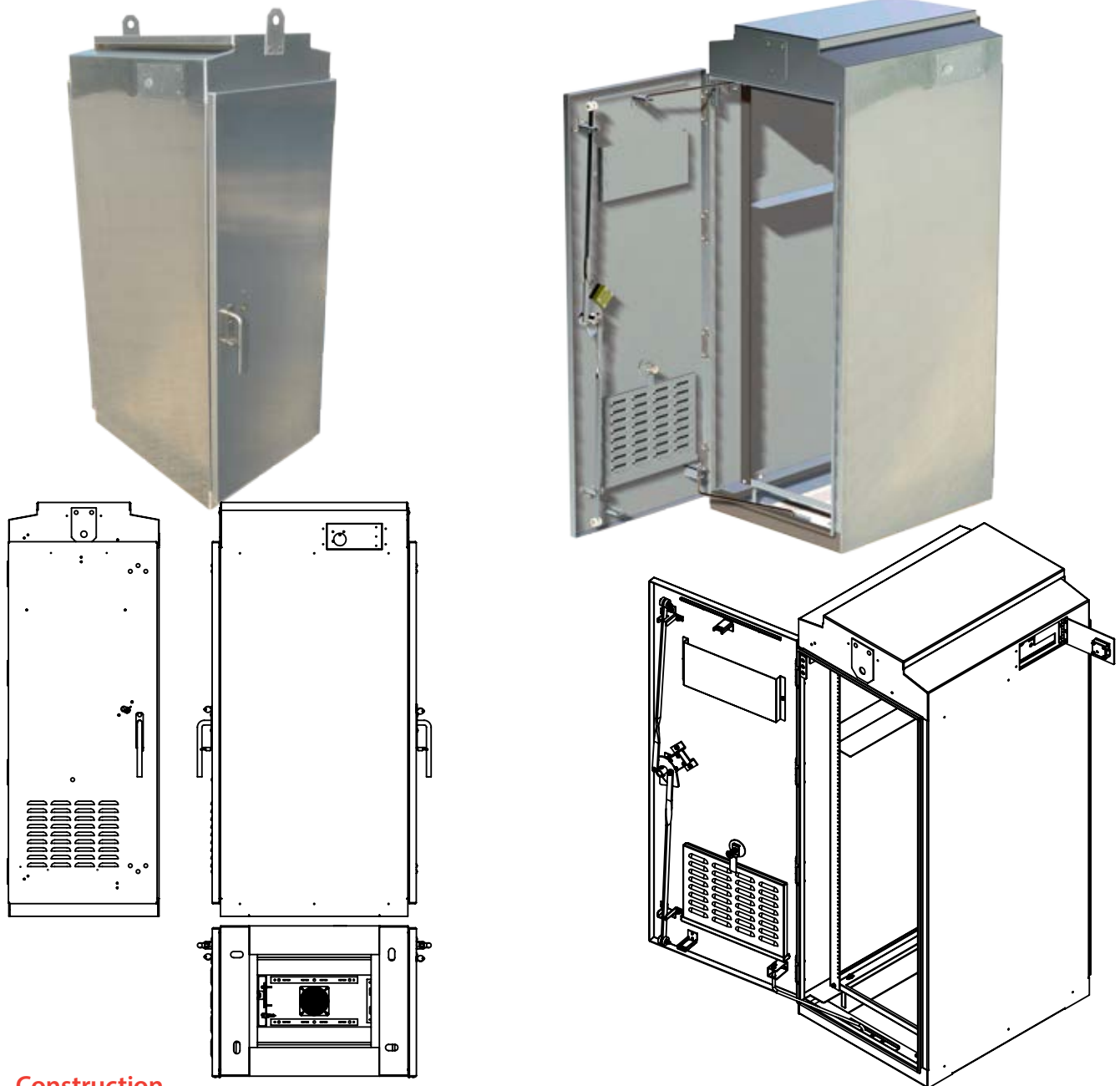
Construction

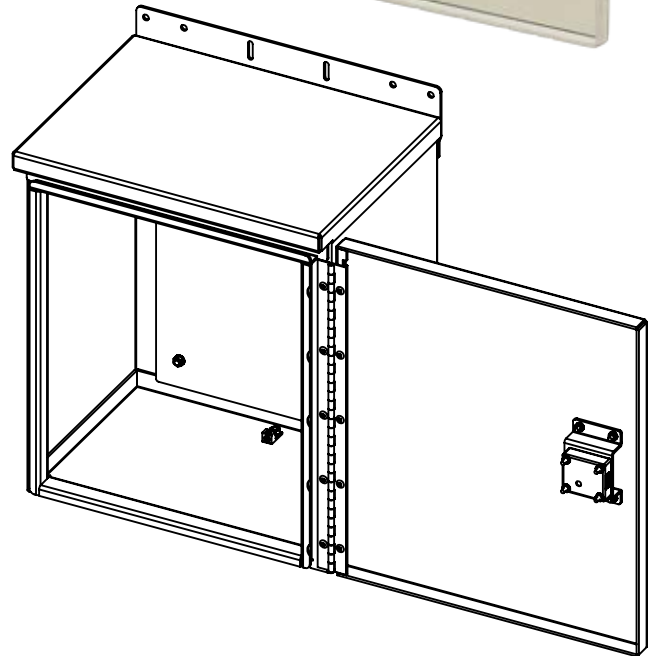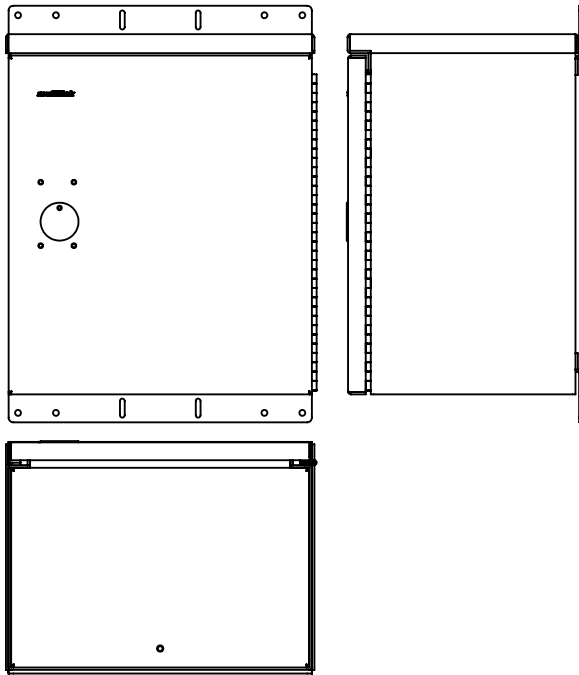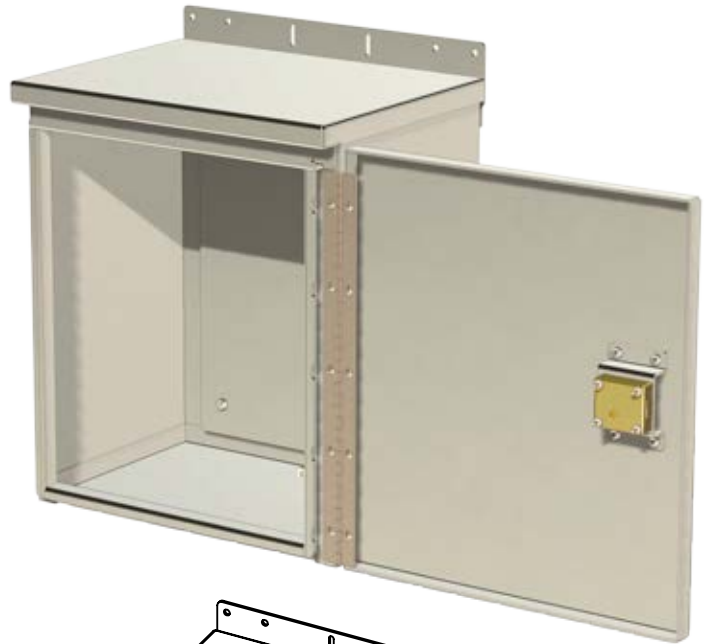| Main Body	1/8" Aluminum w/Synthetic Rubber Seal
Hardware	Stainless Steel
Finish	Bare
Rack	19" Width 30RU Free Spaces 10-32 Treads EIA/TIA Spacing
Door	Dual Door, 3 Point Latch, Corbin #2 Lock, Piano Hinge, Wind Stop, Vent Pocket, Document Holder

Cable Entrance	Cable entry locations in bottom of enclosure
Heating and Cooling	Forced convection w/ thermostatically controlled cooling fans
Grounding	N/A
Powering	N/A
Accessories/ Special Features	Removable Rack Assembly

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
030-222-10	332 Traffic Cabinet	66.8"H x 24.25"W x 33"D	Bare	-	Each

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Multilink

NEW **Flasher Style Traffic Cabinet**

Construction

Main Body	1/8" Aluminum w/Synthetic Rubber Seal
Hardware	Stainless Steel
Finish	Bare
Rack	N/A
Door	Single Door, Corbin Lock w/Skeleton Key, Piano Hinge

Cable Entrance	Knockouts for 2" conduit in bottom of enclosure
Heating and Cooling	N/A
Grounding	Ground lug
Powering	N/A
Accessories/ Special Features	Raised back plate

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
050-141-10	RN1H-161912 Traffic Cabinet	19"H x 16"W x 12"D	Bare	-	Each

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Flasher Style Traffic Cabinet

NEW

Construction

Main Body	1/8" Aluminum w/Synthetic Rubber Seal
Hardware	Stainless Steel
Finish	Bare
Rack	N/A
Door	Single Door, Corbin Lock w/Skeleton Key, Piano Hinge

Cable Entrance	Knockouts for 2" conduit in bottom of enclosure
Heating and Cooling	N/A
Grounding	Ground lug
Powering	N/A
Accessories/ Special Features	Raised back plate

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
050-140-10	RN1H-18248 Traffic Cabinet	24"H x 18"W x 8"D	Bare	-	Each

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NEW

Flasher Style Traffic Cabinet

Construction

Main Body	1/8" Aluminum w/Synthetic Rubber Seal
Hardware	Stainless Steel
Finish	Bare
Rack	N/A
Door	Single Door, Right Hand Corbin #2 Lock, Piano Hinge

Cable Entrance	Knockouts for 2" conduit in bottom of enclosure
Heating and Cooling	N/A
Grounding	Ground lug
Powering	N/A
Accessories/ Special Features	Raised back plate

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
050-147-10	RN1H-18248 Traffic Cabinet	24"H x 18"W x 8"D	Bare	-	Each

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Flasher Style Traffic Cabinet

NEW

Construction

Main Body	1/8" Aluminum w/Synthetic Rubber Seal
Hardware	Stainless Steel
Finish	Bare
Rack	N/A
Door	Single Door, Right Hand Corbin #2 Lock, Piano Hinge

Cable Entrance	Knockouts for 2" conduit in bottom of enclosure
Heating and Cooling	N/A
Grounding	Ground lug
Powering	N/A
Accessories/ Special Features	Raised back plate

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
050-150-10	Type II Flasher Traffic Cabinet	27"H x 15.25"W x 12"D	Bare	-	Each

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NEW

Flasher Style Traffic Cabinet
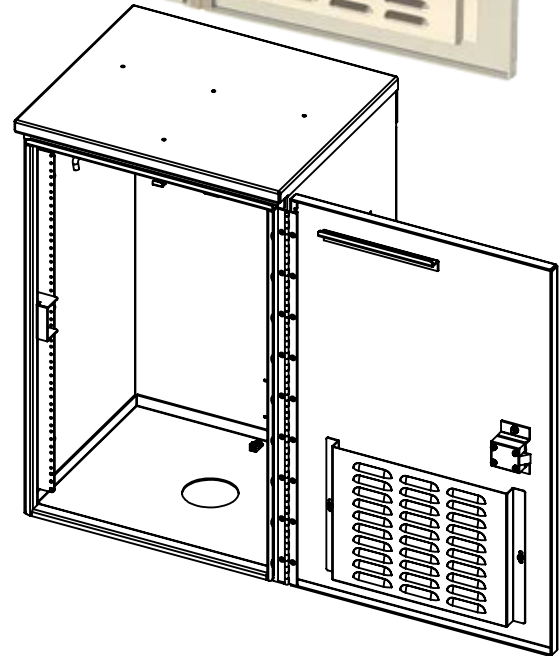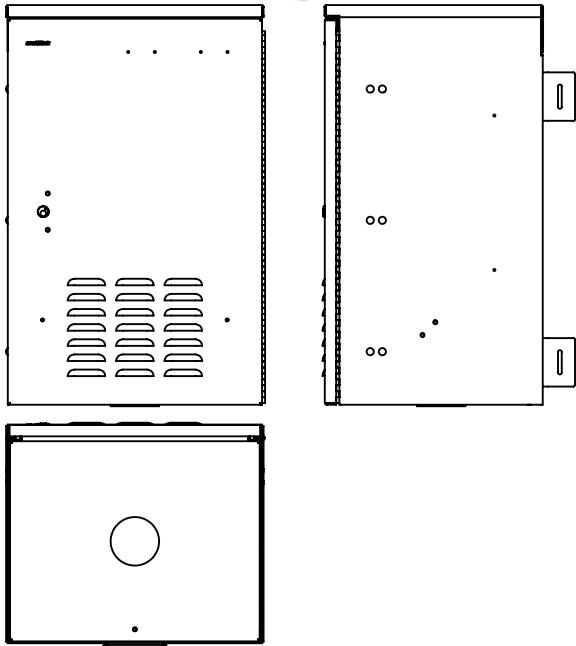
Construction

Main Body	1/8" Aluminum w/Synthetic Rubber Seal
Hardware	Stainless Steel
Finish	Bare
Rack	19" Width 16RU Height 12-24 Treads EIA/TIA Spacing
Door	Single Door, Right Hand Corbin #2 Lock, Piano Hinge, Wind Stop, Vent Pocket

| Cable Entrance	Knockout for 3" conduit on bottom
Heating and Cooling	Forced convection w/ thermostatically controlled cooling fans
Grounding	Ground lug
Powering	N/A
Accessories/ Special Features	Duplex Outlet

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
050-199-10	RN1H-213318 Traffic Cabinet	33"H x 21.25"W x 18"D	Bare	-	Each

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Type 30IV Traffic Cabinet

NEW
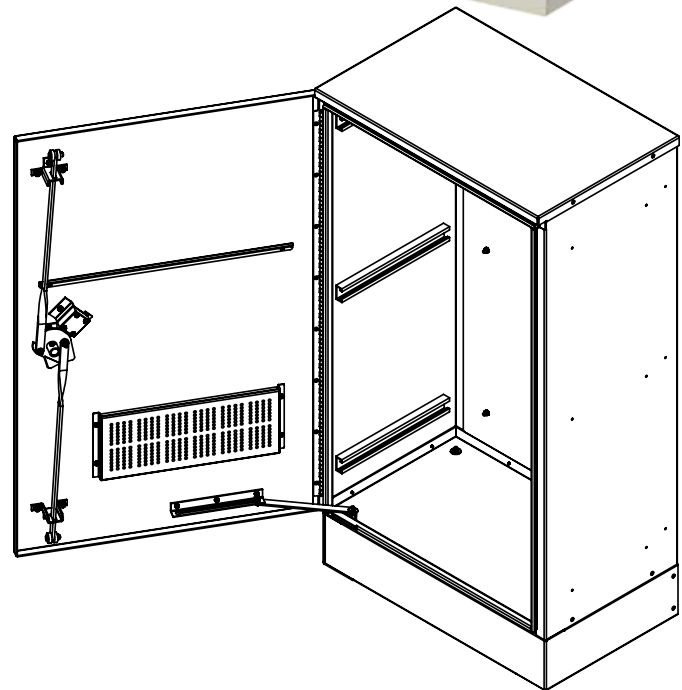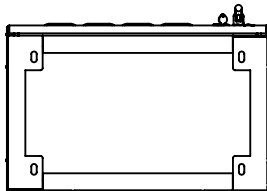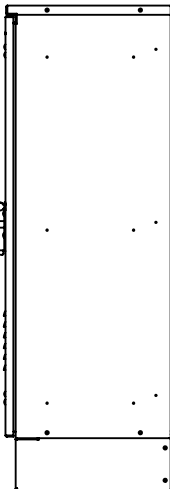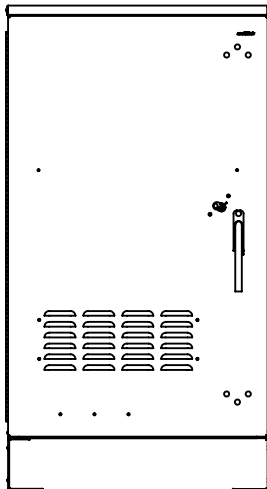
Construction

Main Body	1/8" Aluminum w/Synthetic Rubber Seal
Hardware	Stainless Steel
Finish	Bare
Rack	N/A
Door	Single Door, 3 Point Latch, Corbin #2 Lock, Piano Hinge, Wind Stop, Vent Pocket

Cable Entrance	Knockouts for 2" conduit on bottom of enclosure
Heating and Cooling	N/A
Grounding	N/A
Powering	N/A
Accessories/ Special Features	Unistruts with spring nuts, and raised back plate

Stock ID	Description	Dimensions	Color	Wt. Lbs.	UOM
050-138-10	30IV Traffic Cabinet	56"H x 30"W x 19"D	Bare	-	Each

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Camera Control Interface

Stock ID: 018-039-20	
AC Input Voltage	120 Vac, nominal; single-phase only
Nominal Input Voltage Tolerance	105 to 125 Vac
AC Input Current	1 A @ 120 Vac
Input Frequency	60 Hz, ± 3 Hz
Input Power	100 VA; 115 Watts, max
Input Protection	1.5 Amp, 250 volt, slow blow, glass type fuse

Output Voltage	24 Vac camera power
Output Current	4 A
Output Power	96 VA
Output Protection	4 A, 250 V type AGC-2 fuse (1/4" x 1-1/4" glass tube fuse)

Efficiency	Better than 90% over line voltage range, at full load

LED Display	Four LEDs on front panel indicate operational status Amber: SYSTEM ON Red: CAMERA ON (2) Green: LOCAL ON (Joystick or RS232)

Operating Temperature Range	-40°C to +60°C (-40°F to +140°F) at 5% to 95% relative humidity, non-condensing

Mounting Dimensions	19-inch rack mountable EIA/TIA Spacing 18.25-inch mounting centers

Size	3.5" H x 17" W x 8.5" D (89mm H x 432mm W x 261mm D)

Weight	Approximately 13 Lbs. (6 Kg)

EMI / RFI Statement

This device has been designed and manufactured to comply with the limits for a Class A digital device pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when this equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed in accordance with this instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area may cause interference that the user must correct at its own expense.

*Camera shown above is for illustration purposes only. Not included or available for purchase at Multilink.

Controls, Connections & Indicators

Camera Fuse
(4A)

Camera Power
Switch

Local Joystick
Control

Local Camera Control
(DB9 Receptacle)

Video Out
(BNC Fitting)

Video Out
(BNC Fitting)

Video In
(BNC Fitting)

Remote Camera
Control
(DB9 Plug)

Remote Terminal
Out To Camera
(Phoenix Connector)

Ground Lug

AC Input Module
-Power Switch
-Power Cord Plug End
-1.5 Amp Slow Blow Fuse
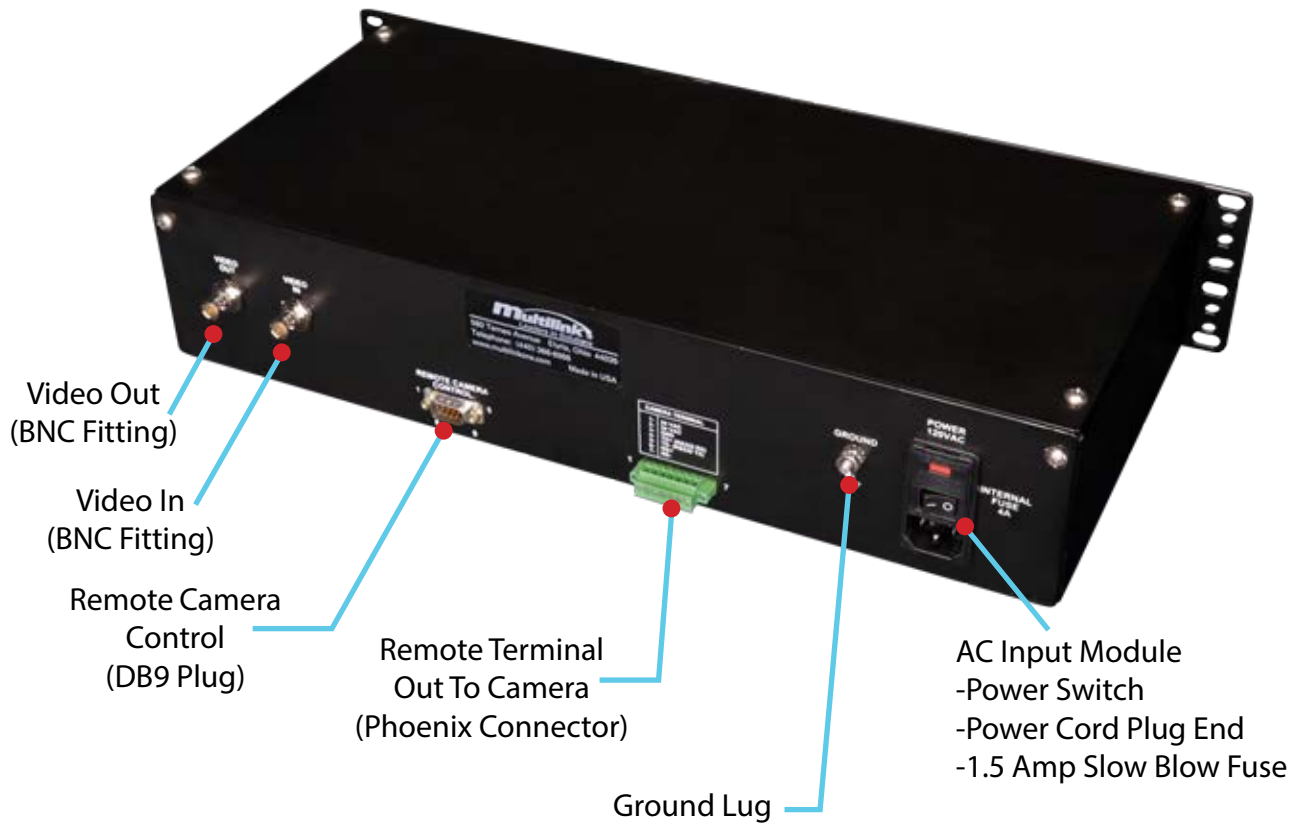
Select Fiber Boxes For DOT

NEW

Main unit is offset 15/16" from front of brackets

FRM-1RU-2X-TS-DOT — 46

Stock ID	045-586-10 (Black)
Description	Rack Mount 1RU in height made for a 19" or 23" rack width. Features slide-off cover, 2 fixed bulkhead positions, and 2 captive grommets for cable entry.
Dimensions	1.72" H x 12.25" W x 7.68" D (excluding brackets)
Weight	5.1 lbs.
Material	Powder Coated Steel
Capacity	(2) Panels
	(1) 612-SSTP Splice Tray

FWM-1X-SP — 33

Stock ID	045-187-10 / FWM-1X-SP-BK, Black
	045-187-11 / FWM-1X-SP-OW, Off White
Description	
	(1) Multilink Adapter Panels
Panels	(see individual panel capacities)
	6.30" H x 5.50" W x 1.57" D
Dimensions	(12) Single Splice Holder
Fiber Capacity	18 Gauge Steel
Material	Electrostatic polyester powder coat paint, available
Coating	in Black & Off White

FWM012XPHBK — 35

Stock ID	045-178-10 (Black)
	045-178-11 (Off White)
Description	Compact indoor wall mount enclosure for inter connectivity and termination of optical fiber
Dimensions	10" H x 8.22" W x 3.81" D
Box Weight	- lbs.
Material	16 GA Gauge Steel
Capacity	(2) Multilink Adapter Panels
Splice Tray	(2) 1120-SSTA

FWM024XLC — 02

Stock ID	10-1914 (Black)
	10-2714 (Off White)
Description	Wall mount single outer door distribution unit with inner network compartment security door and 4 termination panel capacity
Dimensions	12" H x 12" W x 3.5" D
Box Weight	9 lbs.
Material	18 GA Powder Coated Steel
Capacity	(4) Panels
Splice Tray	(4) 1120-SSTA

Please refer to the Network Product Solutions catalog for additional options

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Steel , Stainless Steel, & Aluminum Enclosures

- **Multi-Dwelling Units**
- **Industrial Control Panel**
- **NEMA Rated**
- **Junction Boxes**

I.D. # _____

| BOX STYLE | PLATE | BOX SIZE | NUMBER OF LOCKS | TYPE OF LOCK | KNOCKOUTS | BOX COLOR | OPTION | MATERIAL |

WIDTH x HEIGHT x DEPTH DIMENSIONS OF BOX

HOW MANY LOCKS INSTALLED IN BOX ?

PG - PROTEC GRAY
BE - BEIGE
BR - BRICK RED
OW - OFF WHITE
XX - OTHER (SPECIFY ON OPTION PAGE)

PLT - BACK PLATE (BLANK IF NONE)

S - STANDARD KNOCK-OUTS (SEE BOX STYLE)
C - CUSTOM KNOCK-OUTS (IF CUSTOM SPECIFY ON OPTION PAGE)

RNH - ROUGHNECK HINGED
RNB - ROUGHNECK BASIC
RNBB - ROUGHNECK BOX-IN-BOX
RNHL - ROUGHNECK HANGING-LID
M1 - ROUGHNECK ULTRA SERIES
RTP - ROUGHNECK TOM PED
RNBBH - ROUGHNECK BOX-IN-BOX HINGE
RNBBL- ROUGHNECK BOX-IN-BOX LIFT COVER
RNBBSH - ROUGHNECK BOX-IN-BOX SUPER HINGE
RN2H - ROUGHNECK 2 DOOR HINGE
RN1H - ROUGHNECK 1 DOOR HINGE
RNHX - ROUGHNECK REMOVABLE DOOR HINGE
RNSC - ROUGHNECK SCREW COVER DOOR
RN1HN4 - ROUGHNECK NEMA 4 COMPLIANCE
RN1HN3R - ROUGHNECK NEMA 3R COMPLIANCE

SL - SUPRA
PL - PLUG
IL - INNERTITE
ML - MASTER / DX / MX
AL - ACE
DV - STAR PATTERN SCREW
HA - HASP
EB - STAR PATTERN SLAM LOCK DESIGN
HH - 7/16" HEX HEAD *(BELCORE 216)*
CAM - 1/4 TURN CAM LOCK
CV - COMPRESSION VICE 1/4 TURN LATCH
DL - OVER-CENTER DRAW LATCH
3PT - THREE POINT LATCH
XX - OTHER (SPECIFY)
    SEE OPTIONS PAGE FOR LOCK # IF APPLICABLE
CUSTOM KEY CODES AVAILABLE PER REQUEST

N - NO
Y - YES (SPECIFY)

A - ALUMINUM
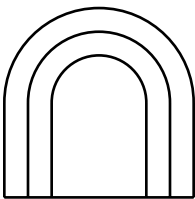**S - STEEL**
SS - STAINLESS STEEL

Round (Conduit) Knockouts
- **A**   1-3/8" x 2-15/32"
- **B**   7/8" x 1-1/8" x 1-3/4"
- **C**   7/8" x 1-1/8" x 1-3/8" x 1-3/4"
- **D**   1-3/8" x 1-31/32" x 2-1/2"
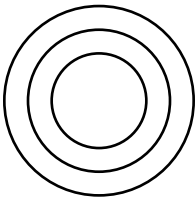
PVC Riser Guard Knockouts
- **1.624" x 2.125"**
- **2.156" x 2.625"**
- **2.656" x 3.125"**

Trapezoid Knockouts
- **SR075**
- **SR100**
- **SR200**

CONDUIT/KNOCKOUT MATCHING GUIDE		
CONDUIT SIZE	ACTUAL OD	RECOMMENDED KNOCKOUT SIZE
1/2"	.840	7/8"
3/4"	1.060	1-1/8"
1"	1.315	1-3/8"
1-1/4"	1.660	1-11/16"
1-1/2"	1.900	1-31/32"
2"	2.375	2-15/32"
2-1/2"	2.875	2-15/16"
3"	3.5	3-19/32"

Options Page

BOX I.D. #_____

LOCK OPTIONS

TYPE OF LOCK _____

LOCK # _____

SHOULD WAREHOUSE SEND KEYS ?
YES   NO

SHOULD THE LOCK BE INSTALLED ?
YES   NO

* LIST ANY SPECIAL LOCK
  INSTRUCTIONS BELOW:

_____

_____

_____

SHIPPING INSTRUCTIONS
BUBBLE WRAP_____

INDIVIDUAL BOX _____

BULK _____

KNOCKOUTS

TYPE OF KNOCKOUT:

A	⊚	2 STAGE: 1.375" x 2.46875"
B	⊚	2 STAGE: 1.375" x 2.25"
C	⊚	2 STAGE: .875" x 1.125" x 1.375" x 1.75"
D	⊙	3 STAGE: 1.375" x 1.96875" x 2.5"
J	⌒	"J" STYLE
P	⌒	PVC
T	⌒	TRAPAZOID
R0250	○	ROUND .250
R0500	○	ROUND .500
R0562	○	ROUND .562
R0630	○	ROUND .630
R1000	○	ROUND 1.000
R2000	○	ROUND 2.000
R3000	○	ROUND 3.000
R4000	○	ROUND 4.000

*PLEASE SEE ATTACHED PAGE FOR THE LOCATIONS
AND TYPE OF KNOCKOUTS FOR THIS BOX

OPTIONAL ACCESSORIES
PLEASE CIRCLE
OPTIONS: INSTALL:

D-MARK DROP STAND   _____
STAR PLATE   _____
SCREEN PLATE   _____
RGSB-12   _____
RGSB-18   _____
RGSB-20   _____
RGSB-24   _____
D-MARK   _____
OXBOARD   _____
PLYWOOD   _____
GROUND LUG   _____
TAP BRACKET   _____
RNRC-100   _____
60078-DRY LID   _____
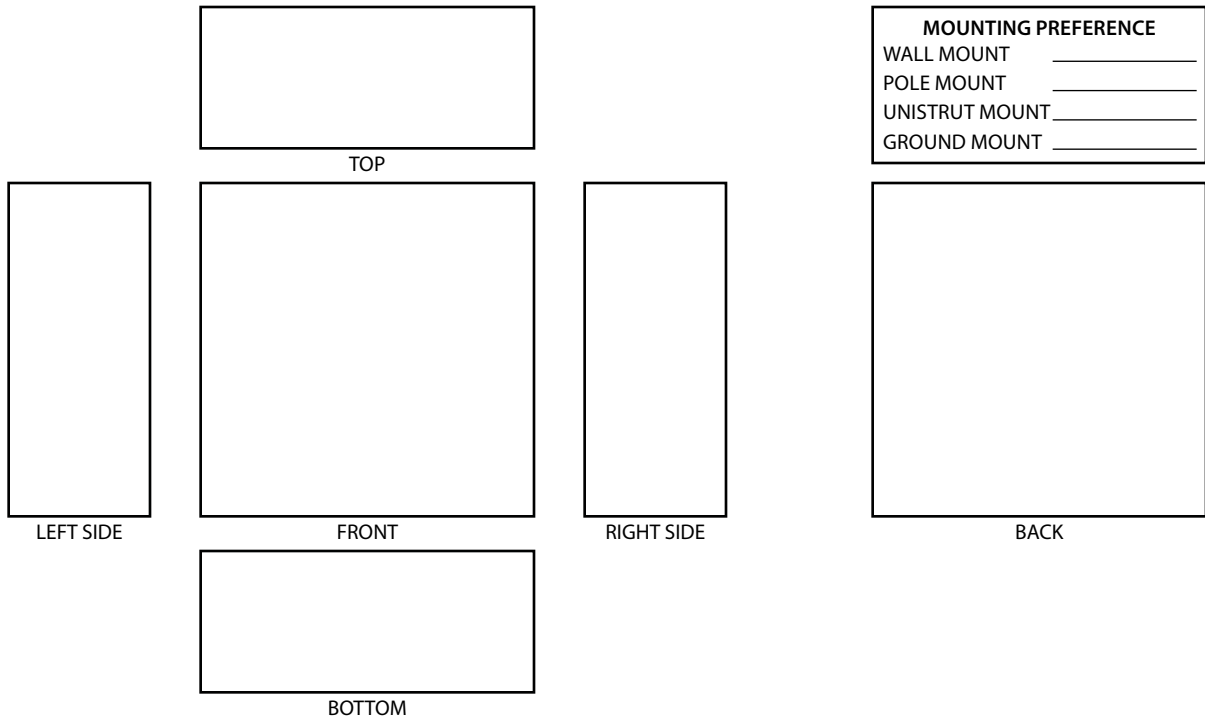SPECIAL PLATE   _____
DOK 1   _____
FANS   _____
        AC WIRING   _____
        DC WIRING   _____
RACK RAILS   _____
        RACK UNITS   _____
        THREAD SIZE   _____
OTHER   _____
_____
_____

NOTES _____
_____
_____

TOP

LEFT SIDE   FRONT   RIGHT SIDE

BOTTOM

MOUNTING PREFERENCE
WALL MOUNT   _____
POLE MOUNT   _____
UNISTRUT MOUNT_____
GROUND MOUNT _____

BACK

*Select models available (UL) **UL listed. Contact customer service for more info.**

NEW

UL Listed Multi-Dwelling Enclosures

The Multilink MDU enclosures listed below have now been UL listed, and NEMA type 1 and 4 approved. The new design features a 216 can wrench compression latch, reversible door, 3/4" plywood backboard, padlockable over center draw latch, and 100% weatherproof gasketing. Standard colors are beige and gray. Mounting bracket sold separately.

Customer Favorite

Stock ID	Description	Dimensions	Color	MOQ
050-152-31	RN1H-24248-1CV-1DL-C-BE-Y-S-INT	24W x 24L x 8D	Beige	EA
050-153-31	RN1H-24244-1CV-1DL-C-BE-Y-S-INT	24W x 24L x 4D	Beige	EA
050-154-31	RN1H-20168-1CV-1DL-C-BE-Y-S-INT	20W x 16L x 8D	Beige	EA
050-155-31	RN1H-20164-1CV-1DL-C-BE-Y-S-INT	20W x 16L x 4D	Beige	EA
050-202-31	RN1H-18148-1CV-1DL-C-BE-Y-S-INT	18W x 14L x 8D	Beige	EA
050-156-31	RN1H-12128-1CV-1DL-C-BE-Y-S-INT	12W x 12L x 8D	Beige	EA
050-152-30	RN1H-24248-1CV-1DL-C-PG-Y-S-INT	24W x 24L x 8D	Gray	EA
050-153-30	RN1H-24244-1CV-1DL-C-PG-Y-S-INT	24W x 24L x 4D	Gray	EA
050-154-30	RN1H-20168-1CV-1DL-C-PG-Y-S-INT	20W x 16L x 8D	Gray	EA
050-155-30	RN1H-20164-1CV-1DL-C-PG-Y-S-INT	20W x 16L x 4D	Gray	EA
050-202-30	RN1H-18148-1CV-1DL-C-PG-Y-S-INT	18W x 14L x 8D	Gray	EA
050-156-30	RN1H-12128-1CV-1DL-C-PG-Y-S-INT	12W x 12L x 8D	Gray	EA

MDU MOUNTING ACCESSORIES

Stock ID	Description	Color	MOQ
072-101-11	MOUNTING BRACKET KIT FOR 24" WIDE RN1H ENCLOSURE	Beige	EA
072-105-11	MOUNTING BRACKET KIT FOR 12", 18" & 20" WIDE RN1H ENCLOSURE	Beige	EA
072-101-10	MOUNTING BRACKET KIT FOR 24" WIDE RN1H ENCLOSURE	Gray	EA
072-105-10	MOUNTING BRACKET KIT FOR 12", 18" & 20" WIDE RN1H ENCLOSURE	Gray	EA

UL Listed Multi-Dwelling Enclosures (Lift-Off Screw Cover)

NEW

The Multilink MDU enclosures listed below have now been UL listed, and NEMA type 1 and 4 approved. The new design features a lift-off screw cover and 100% weatherproof gasketing. Standard colors are beige and gray. Mounting bracket sold separately.

Stock ID	Description	Dimensions	Color	MOQ
050-206-31	RNSC-444-SND-TYPE4	4W x 4H x 4D	Beige	EA
050-207-31	RNSC-666-SND-TYPE4	6W x 6H x 6D	Beige	EA
050-208-31	RNSC-6126-SND-TYPE4	6W x 12H x 6D	Beige	EA
050-209-31	RNSC-12126-SND-TYPE4	12W x 12H x 6D	Beige	EA
050-210-31	RNSC-6186-SND-TYPE4	6W x 18H x 6D	Beige	EA
050-211-31	RNSC-18188-SND-TYPE 4	18W x 18H x 8D	Beige	EA
050-206-30	RNSC-444-UG-TYPE4	4W x 4H x 4D	Gray	EA
050-207-30	RNSC-666-UG-TYPE4	6W x 6H x 6D	Gray	EA
050-208-30	RNSC-6126-UG-TYPE4	6W x 12H x 6D	Gray	EA
050-209-30	RNSC-12126-UG-TYPE4	12W x 12H x 6D	Gray	EA
050-210-30	RNSC-6186-UG-TYPE4	6W x 18H x 6D	Gray	EA
050-211-30	RNSC-18188-UG-TYPE 4	18W x 18H x 8D	Gray	EA

MDU MOUNTING ACCESSORIES

Stock ID	Description	Color	MOQ
072-126-11	MOUNTING BRACKET KIT FOR 4" WIDE ENCLOSURE	Beige	EA
072-125-11	MOUNTING BRACKET KIT FOR 6" WIDE ENCLOSURE	Beige	EA
072-126-10	MOUNTING BRACKET KIT FOR 4" WIDE ENCLOSURE	Gray	EA
072-125-10	MOUNTING BRACKET KIT FOR 6" WIDE ENCLOSURE	Gray	EA

Tom Ped Double Box Pedestal
High Security Protection

Available in Steel
or Aluminum
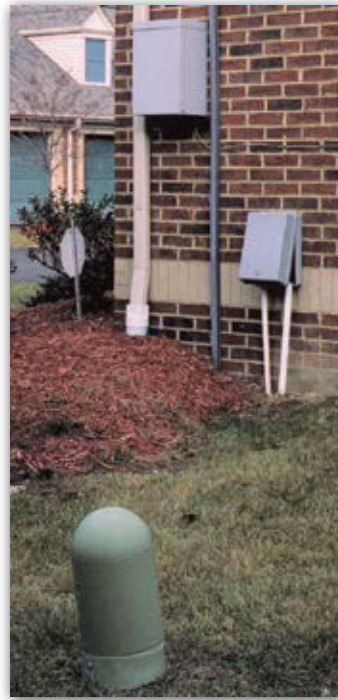
Tom Ped is the answer to these
types of MDU problems.

- **INCREASED SECURITY**
- **DECREASED COST**
- **CLEANER INSTALLATION**

Application
The only hybrid high security box-in-box and pedestal enclosure. Designed for broadband multimedia systems.
This concept offers two levels of high security against illegal hook-ups, and keeps your cable well managed. Can be firmly bolted to the wall or staked to the ground.

Features & Benefits
- Box-in-box design.
- Can be keyed to match any manufacturer's locking system
- Built to last with high-grade construction materials
- 100% fusion welded construction for greater durability and quality control of welds
- Textured steel holds paint better.
- Gray baked-on polyester powder coating
- Scratch and salt spray tested
- ASTM rating

Standard Knockouts
- No Knockouts
- Removeable Bottom Plate for front access and open bottom

Recommended Sizes (W x H x D)
- 16" x 42" x 8"
- 15" x 40" x 8"
- 12" x 36" x 8"
- 8" x 32" x 8"

Star mounting plate
for equipment installation

Drop and trap organization

Active subscriber drops

Tamper proof screws
available

STOPS ILLEGALS

In the unlikely case that the cover is ever forced off, there still remains a second line of defense. An illegal hook-up is prevented because all unconnected drops are still hidden and protected in the lower inner box!

Tom Ped Double Box Pedestal
High Security Protection

RTP Hinged Door Style
Includes 3 heavy duty slip hinges for maintenance ease. Above box features a tamper-proof screw slam lock.

RTP Box-in-Box Style With Cut Away Sides
Shown with adjustable star and D-Mark plate. Features tamper-proof screw slam lock.

Customized Lock

RTP Box-in-Box Style Pedestal With Full Sides
Box includes D-Mark plate with two mounting options. Also available with star plate and various locking options. Please call Customer Service for more information.

Stock ID	Description	Dimensions	UOM
12824	BS-24 Pedestal Stake For Tom Ped Double Box Pedestal	24"	Each
12832	BS-32 Pedestal Stake For Tom Ped Double Box Pedestal	32"	Each
12845	BS-42 Pedestal Stake For Tom Ped Double Box Pedestal	42"	Each
12833	RN-TPTB Tom Ped Tap Bracket	-	Each

Please call Customer Service for custom sizes, configurations, and lock specifications

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Flush Mount Pre-Wire Box
For New and Post Construction Applications

Applications
Make pre-wiring jobs easier with the RNSB-69 Pre-Wire box from Multilink. It's designed for use in common junction locations for pre-wiring in new and post construction applications. It mounts easily to the stud and is adjustable to any size drywall.

Features & Benefits
- Comes complete with mounting hardware
- Can be used in both new and post-construction applications
- Mounts easily to studs and is adjustable to accommodate all sizes of drywall
- Two knockouts on both top and bottom
- Cover is coated with durable white powder coating
- Custom logos and imprints are available

Stock ID	Description	Knockouts	Dimensions	UOM
10799K	RNSB-69 Flush Mount Pre-wire Box	2 Top / 2 Bottom / .875"	9.5" H x 6.5" W x 2.5" D	Each
11568K	RNSB-1214 Flush Mount Pre-wire Box w/Plywood (MOQ 25pcs.)	3 Top / 3 Bottom / .875"	12" H x 14" W x 3" D	Each
065-005-10	RNSB-12143 Flush Mount Pre-wire Box (MOQ 25pcs.)	3 Top / 3 Bottom / .875"	12" H x 14" W x 3" D	Each

All stock codes listed are for standard options only
Please call Customer Service for custom sizes, configurations, and lock specifications

M1™ Ultra Series
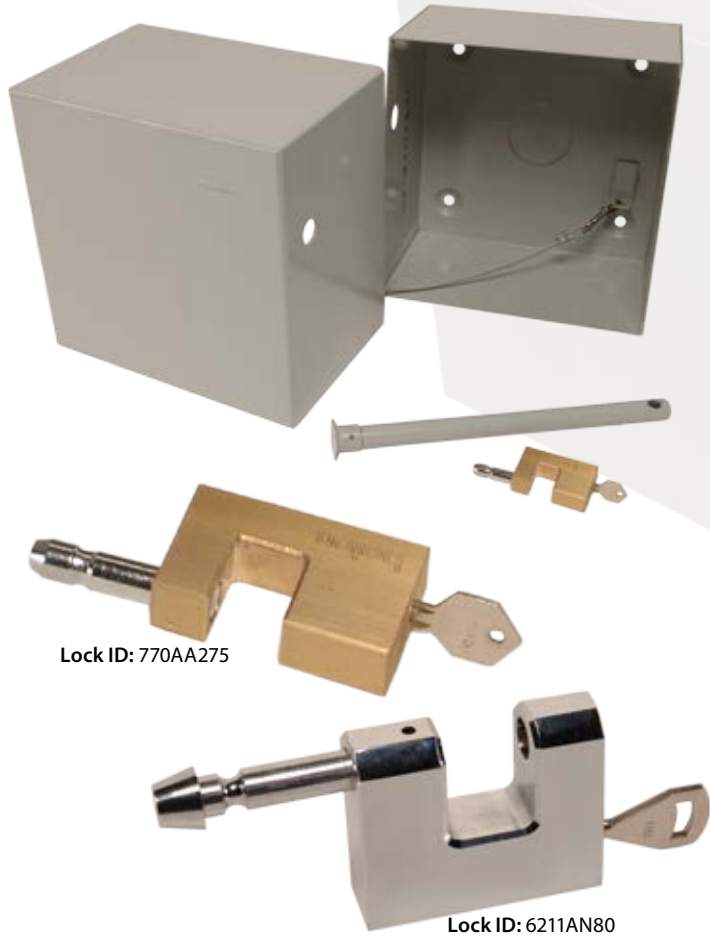
Step up to a new level in high security steel enclosures with the M1™ ultra high security MDU steel enclosure.

Applications
The heavy duty box-in-box design combined with the unique hardened steel security bar closure assembly makes the M1™ as tough as a tank!

Features & Benefits
The M1™ Ultra Series is constructed with the cover robotically seam welded, a feature not offered by any other steel enclosure manufacturer in the Cable TV industry! The key to the higher level of security offered by the M1™ Ultra Series box is in the 7/8" diameter steel Ultra Bar which runs through the steel inner bottom and cover of the box and features a ½" shackle hole ready to accept practically any high security padlock. With so many features packed into a single steel enclosure it is easy to see why the new M1™ Ultra Series box is the ultimate in high security steel enclosures!

Standard Knockouts
• 1 Back / (D Size)

Recommended Sizes (W x H x D)
• 12" x 12" x 8"
• 12" x 18" x 8"
• 15" x 18" x 8"
• 18" x 24" x 8"

Lock ID: 770AA275

Lock ID: 6211AN80

Stock ID	Description	Box Width	Lock ID	UOM
10-5476	M1-12 Hardened Steel Security Bar	12"	770AA275	Each
10-5477	M1-15 Hardened Steel Security Bar	15"	770AA275	Each
10-5480	M1-18 Hardened Steel Security Bar	18"	770AA275	Each
10-7232	M1-8 Extended Hardened Steel Security Bar	8"	6211AN80	Each
10-5488	M1-12 Extended Hardened Steel Security Bar	12"	6211AN80	Each
10-5491	M1-15 Extended Hardened Steel Security Bar	15"	6211AN80	Each
10-5494	M1-18 Extended Hardened Steel Security Bar	18"	6211AN80	Each
10-5960	M1-24 Extended Hardened Steel Security Bar	24"	6211AN80	Each
12709	Roughneck Lid Retaining Cable With 1 Hook	-	-	Each
12712	Roughneck Lid Retaining Cable With 2 Hooks	-	-	Each

Stock codes vary depending on options such as locks and other accessories
Please call Customer Service for custom sizes, configurations, and lock specifications

RN2H/RN1H

RN2H Shown with optional Oxboard & Single Compartment

RN2H Shown with One Compartment

Features & Benefits
- Now available in depths of 10" and 15"
- Available in aluminum
- Hinged 2-door cover
- Gray baked-on polyester powder coating

Options
- 2 separated compartments
- Standard accessories
- Various locking hardware
- Standard knockouts, size and location
- Voice port mounting plates

Standard Knockouts
- 4 Bottom / 1 Side / 1.375" x 2.468" Knockouts

Recommended Sizes (W x H x D)
- 18" x 24" x 8"
- 24" x 24" x 8"
- 36" x 36" x 8"

RNH Hinged Series Enclosures

Features & Benefits
- Hinged cover
- Baked-on polyester powder coating for high corrosion resistance
- Knockout for optional Cam Lock
- Multiple entry knockouts
- Indented mounting holes for easy installation
- 3/4" D-Knockout
- Drain holes to keep moisture out
- Available with Star Slam Lock
- Available with back plate option. Add "PLT" to Box Style. Knockouts will change to PVC Style.

RNH Box with Drop Stand/Organizer Option

Uses same replaceable hasp system as RNB series boxes

Recommened Sizes (W x H x D)	Standard Knockouts	
	Knockouts	Sizes
RNH-10126	2 Bottom	1 Size A / 1 Size C
RNH-12128	2 Bottom	1 Size A / 1 Size C
RNH-12188	3 Bottom	2 Size A / 1 Size C
RNH-15188	3 Bottom	2 Size A / 1 Size C
RNH-20248	3 Bottom	2 Size A / 1 Size C
RNH-24368	3 Bottom	2 Size A / 1 Size C
RNH-36368	3 Bottom	2 Size A / 1 Size C

RNBB - Box-In-Box
High Security Series Enclosure

Super Hinge

Removable Back Panel

Lock Latch Plate That Automatically Engages When Box Is Closed

Rear Multistage Knockouts

Patented All-Star Security Locking

Mouse Hole Knockouts For Multistage Cable And Back Plate Options
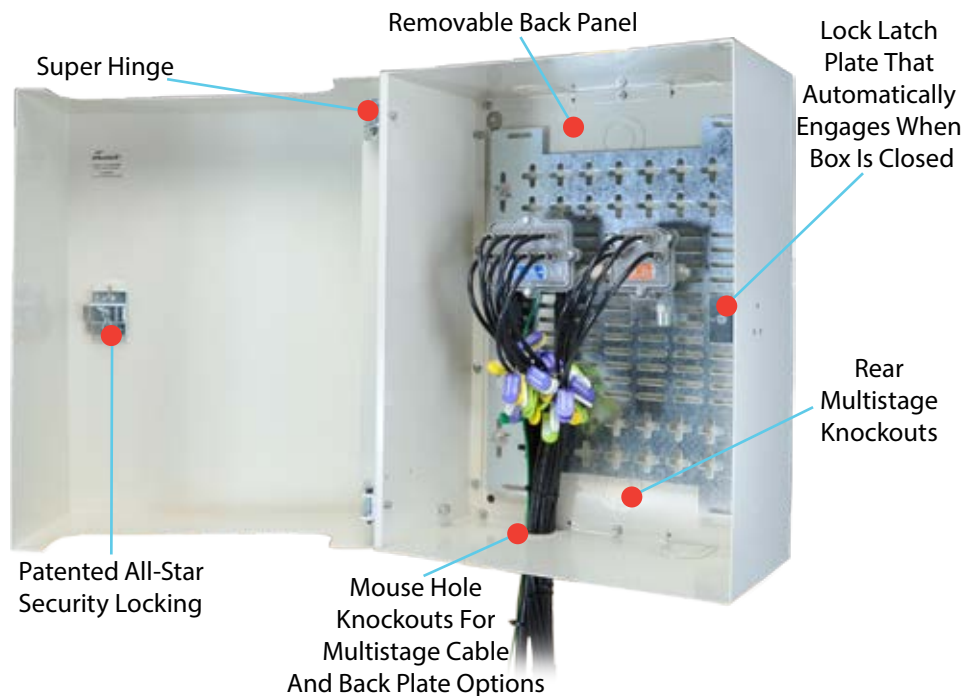
Features & Benefits
- High security bearing sleeve at locking point
- Highly durable polyester powder coat finish for high corrosion resistance
- Full back with multiple entry knockout
- Key style mounting holes for easy installation
- Drain holes to keep moisture out
- Available with Star Slam Lock
- MX and DX locking keyways available
- Available in steel or aluminum
- If aluminum is desired, add an "**A**" to the end of the part number
- Available with back plate option. Add "PLT" to Box Style Knockouts will change to PVC Style.

Patented All-Star Security Latch Compatible

RNBB Box-in-Box
High Security Series Enclosures

Shown with Lift Cover
(RNBBL)

Standard Knockouts
• 2 Bottom / 2 Back / 2 Top / "A" Size

Recommended Sizes (W x H x D)
• 12" x 12" x 8"
• 12" x 18" x 8"
• 15" x 18" x 8"
• 18" x 24" x 8" (Not Available For RNBBH)

Stock codes vary depending on options such as locks and other accessories
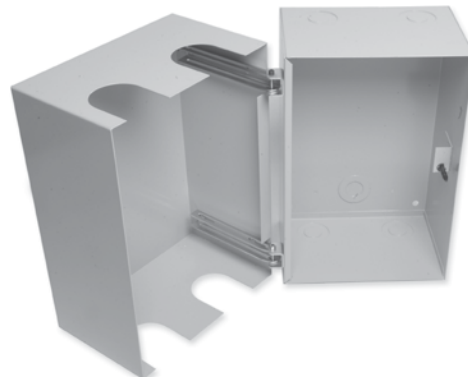Please call Customer Service for custom sizes, configurations, and lock specifications

All-Star Latch and Star Pattern
Latch Compatible

Shown Closed
(RNBB)

Shown with Super Heavy Duty
Hinge Option
(RNBBSH)

Shown with Standard Hinge Option
(RNBBH)

RNB Series Enclosures

Features & Benefits
- Gray baked-on polyester powder coating for high corrosion resistance
- Knockout for optional Cam Lock
- Multiple entry knockouts
- Indented mounting holes for easy installation
- 3/4" D-Knockout
- Drain holes to keep moisture out
- Available with back plate option. Add "PLT" to Box Style. Knockouts will change to PVC Style.

Recommended Sizes (W x H x D)
- 8" x 12" x 6"
- 12" x 12" x 8"
- 12" x 18" x 8"
- 15" x 18" x 8"
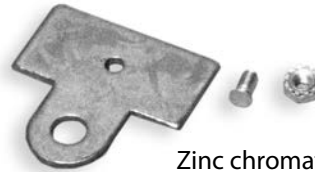
Zinc chromate, replaceable hasp, standard with every RNB series box.

Recommened Sizes (W x H x D)	Standard Knockouts	
	Knockouts	Sizes
RNB-8126	2 Bottom	2 Size C
RNB-12128	2 Bottom	1 Size B / 1 Size C
RNB-12188	3 Bottom	1 Size B / 2 Size C 2 Each Side / 2 Size C
RNB-15188	3 Bottom	1 Size B / 2 Size C 2 Each Side / 2 Size C
RNB-24188	4 Bottom	2 Size B / 2 Size C 2 Each Side / 2 Size C

Stock codes vary depending on options such as locks and other accessories
Please call Customer Service for custom sizes, configurations, and lock specifications

RNHL Hanging Lid Series Enclosure

Features & Benefits
- Can be set up with a variety of cylinder locks, the Innertite Lock, or a tamper proof screw
- Gray baked-on polyester powder coating for high corrosion resistance
- Multiple entry knockouts
- Drain holes available to keep moisture out
- Available with back plate option. Add "PLT" to Box Style. Knockouts will change to PVC Style.
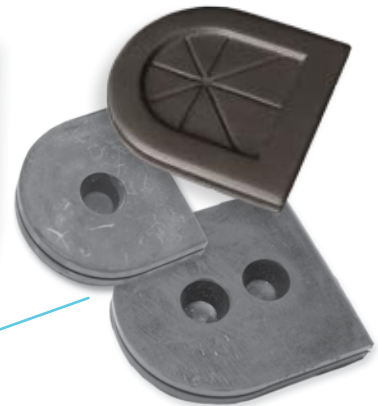
Standard Knockouts
- 2-4 Bottom / 1 Side / B & C Size

Recommended Sizes (W x H x D)
- 8" x 10" x 6"
- 10" x 10" x 6"
- 12" x 12" x 8"
- 12" x 18" x 8"
- 15" x 18" x 8"
- 18" x 24" x 8"
- 24" x 24" x 8"

Multilink is the only manufacturer of steel enclosures that offers built-in drain holes as a standard throughout the entire product line.
Stock codes vary depending on options such as locks and other accessories.
Please call Customer Service for custom sizes, configurations, and lock specifications.

RNHX Side Swing Hinge Series Enclosure

Special heavy duty grommets, shown above, are now available on all MDU steel units.

Features & Benefits
- Can be set up with a variety of Cylinder Locks, the Innertite Lock, or a tamper proof screw
- Gray baked on polyester powder coating for high corrosion resistance
- Multiple entry knockouts
- Drain holes keep moisture out
- Available with back plate option. Add "PLT" to Box Style. Knockouts will change to PVC Style.

Standard Knockouts
- 2-4 Bottom / 1 Side / B & C Size

Recommended Sizes (W x H x D)
- 12" x 12" x 10"
- 12" x 18" x 10"
- 15" x 18" x 10"
- 18" x 18" x 10"
- 18" x 24" x 10"

Part#	Description	UOM
10-6499	Short, Single Hole MDU Grommet	Each
10-5864	Long, Two Hole MDU Grommet	Each
642-039-10	Long, Snap Fit PVC MDU Grommet	Each

Please call Customer Service for more information
Stock codes vary depending on options such as locks and other accessories
Please call Customer Service for custom sizes, configurations, and lock specifications

PLT Option
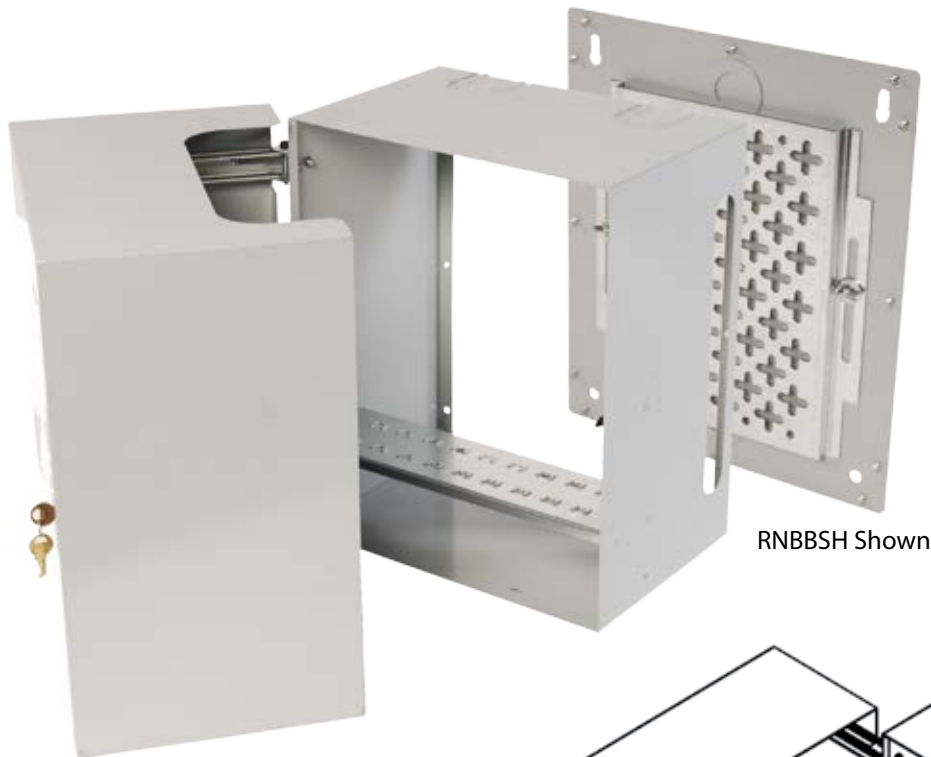
RNBBSH Shown

Features & Benefits
- Back plate can remain mounted to wall during maintenance to allow your customer uninterrupted service
- Gray baked-on powder coating for high corrosion resistance
- Drain holes to keep moisture out
- Designed with PVC style knockouts to accommodate a quick and easy separation from back plate
- Available in steel or aluminum

Standard Knockouts
- 2 Bottom / 2 Back / 2 Top / "A" Size

Recommended Sizes (W x H x D)
- 12" x 12" x 8"
- 12" x 18" x 8"
- 15" x 18" x 8"
- 18" x 24" x 8"
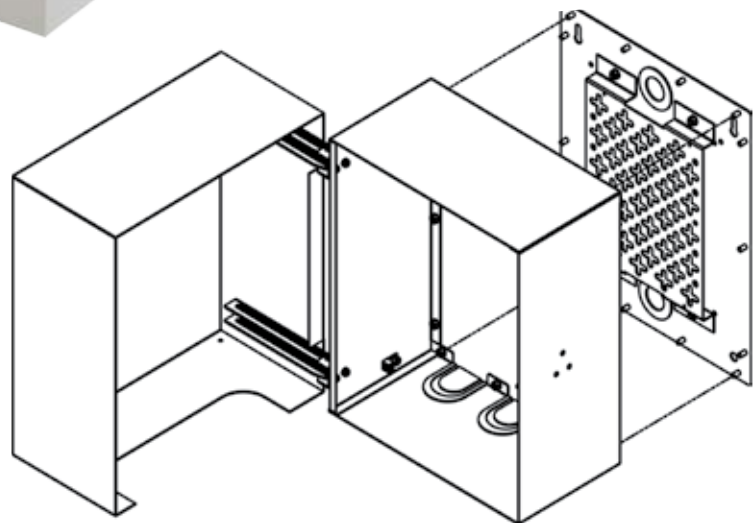
PLT Available w/ These Box Styles
- RNH - ROUGHNECK HINGED
- RNB - ROUGHNECK BASIC
- RNBB - ROUGHNECK BOX-IN-BOX
- RNHL - ROUGHNECK HANGING-LID
- M1 - ROUGHNECK ULTRA SERIES
- RTP - ROUGHNECK TOM PED
- RNBBH - ROUGHNECK BOX-IN-BOX HINGE
- RNBBSH - ROUGHNECK BOX-IN-BOX SUPER HINGE
- RN2H - ROUGHNECK 2 DOOR HINGE
- RN1H - ROUGHNECK 1 DOOR HINGE
- RNHX - ROUGHNECK REMOVABLE DOOR HINGE
- RNSC - ROUGHNECK SCREW COVER

The Multilink Tamper Proof Drivers & Screws

Tamper Proof Screw Drivers made from hardened steel, plated in Zinc Chromate
Each style can be customized with any pattern drive!

Bend Style With
Off Center Drive

"T" Style With
Star Pattern Drive

Classic Driver Style With
Eccentric Drive

Off Center Pin

Custom Star Pattern
(Your Custom Pattern Awaits!)

Eccentric Screw

Star/Slam Lock screw available in custom pattern
Call Customer Service for more information

RNI High Security Locking Systems
For Roughneck Steel Enclosures

The MX High Security Customized Locking System-DX Compatible
- The most secure lock ever developed specifically for the Cable TV industry
- Fully compatible with pre-existing DX keyways.
- The unique, patented dual pin design makes the MX the most reliable lock in the industry

IL- Inner-Tite® Barrel Lock and Key

Inner-Tite® Agbay Barrel Lock & Key

Van Lock Cam Lock & Key

Block Lock & Key

Lock part numbers vary depending on type, key way, etc.
Please call Customer Service for more information

Options and Accessories

Van Lock Plug Lock

Self-locking CPLM1 is available in Cable Plug Lock-Master Series and CPLV Cable Plug Lock-Vanamatic (8 in 1).

Master Pad Lock

Multilink is a full line distributor of the most trusted locks in the world, the Master Padlock with (2) keys.

Let's Talk Security

Optional logo/six-digit code. Now you can track and know where your keys and drivers are!

Plastic Supra Lock Dry Lid

SL- Supra Lock

Customized Lock

Features & Benefits
• Reduce passing/transferring of keys
• Keep track of your security
• Track theft of service
• When issuing keys and drivers you can track by six-digit security with employees and subcontractors
• Available on keys and tamper-proof drivers

Ace/Chicago and American Locks with customized key codes can be ordered through Multilink
Multilink is a full line distributor of American Locks
The Multilink data bank tracks all keys and drivers sold by six-digit number system
For more details, please call Customer Service. Lock part numbers vary depending on type, key way, etc.
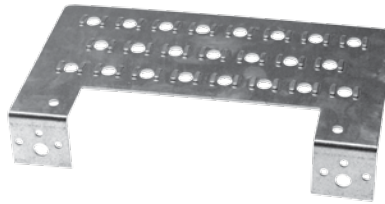
Options and Accessories

**A - Screen Plate**

B - Oxboard

**C-G - Touch-Up Paint**

H - Star Plate

I - Mark Plate

J - Ground Lug

Figure	Stock ID	Description	Dimensions	UOM
A	Varies	Screen Plate	Sized to Fit	Each
B	Varies	Oxboard Backing	Sized to Fit	Each
C	12715	Brown Touch-up Paint	12oz.	Each
D	12716	Beige Touch-up Paint	12oz.	Each
E	12717	Brick Red Touch-up Paint	12oz.	Each
F	12718	White Touch-up Paint	12oz.	Each
G	12719	Grey Touch-up Paint	12oz.	Each
H	Varies	Star Plate	Sized to Fit	Each
I	Varies	D-Mark Plate For Roughneck Steel Enclosures	-	Each
J	12704K	Ground Lug	-	Each
N/A	Varies	Copper Bus Bar	-	Each
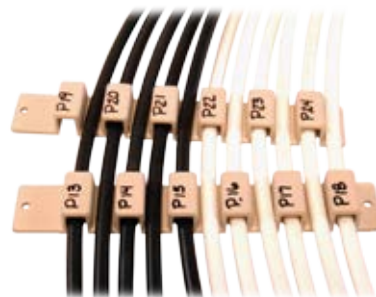
Stock ID	Description	Size	Color	UOM
649-009-10	Cable Organizer	12.7mm	Ivory	Each
649-010-10	Cable Organizer	8.5mm	Ivory	Each

GoMultilink.com
440.366.6966

Options and Accessories for Roughneck Steel Enclosures
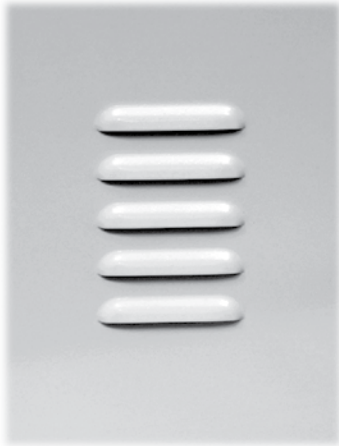
Optional louvers available on your MDU, please call Customer Service for more information

Keep from losing the detachable lids from your Roughneck Steel Enclosure with this high strength retaining cable with eyelets

New Tap Mounting Bracket Mount taps quickly and easily inside your roughneck box

Part#	Description	UOM
12709	Roughneck Lid Retaining Cable With 1 Hook	Each
12712	Roughneck Lid Retaining Cable With 2 Hooks	Each
12708K	RNBT-7 Tap Bracket	Each

Why does Multilink use Galvanealed Steel vs. Aluminized Steel in the construction of our Steel MDU Enlcosures?

Gavanealed Steel - Starzinc-Alloy

Features
- Uniform zinc coated steel sheets feature paint adhesion quality not found in other coated steel sheets
- Surface roughness encourages paint adhesion and provides base for finishing

Uses
- **Automobile**
  Underbody parts, reinforcing parts
- **Outdoor**
  Roofing, siding, shutters, doors, and traffic signs
- **Indoor**
  Air conditioner housings, commercial refrigerators, washing machines, steel furniture, office machines, furnaces, and ovens

Aluminized Steel - Al-Might

Features
- Aluminum coated steel sheets offer high-grade resistance to corrosion and heat
- Excellent heat reflective and good formability
- Beautiful finish even under high temperature

Uses
- **Automobile**
  Exhaust pipes, mufflers, catalytic converters, auto heat shields
- **Indoor**
  Chimneys, fireplaces, stoves, heat exchangers, water heaters, furnaces, barbecue grills, ovens, and toasters

	Coating Cross Section	Corrosion Resistance	Heat Resistance	Formability	Weldability	Paintability
Galvanealed Steel Starzinc-Alloy	Iron-zinc alloy layer / Iron	•	•	•	••	••
Aluminized Steel Al-Might	Aluminum / Iron-aluminum alloy layer / Iron	•	••	•	•	•

• indicates product suitability
• • indicates greater product suitability

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Multilink's Family Of Plastic Demarcation Enclosures

Non-Captive Plastic Demarcation Enclosure
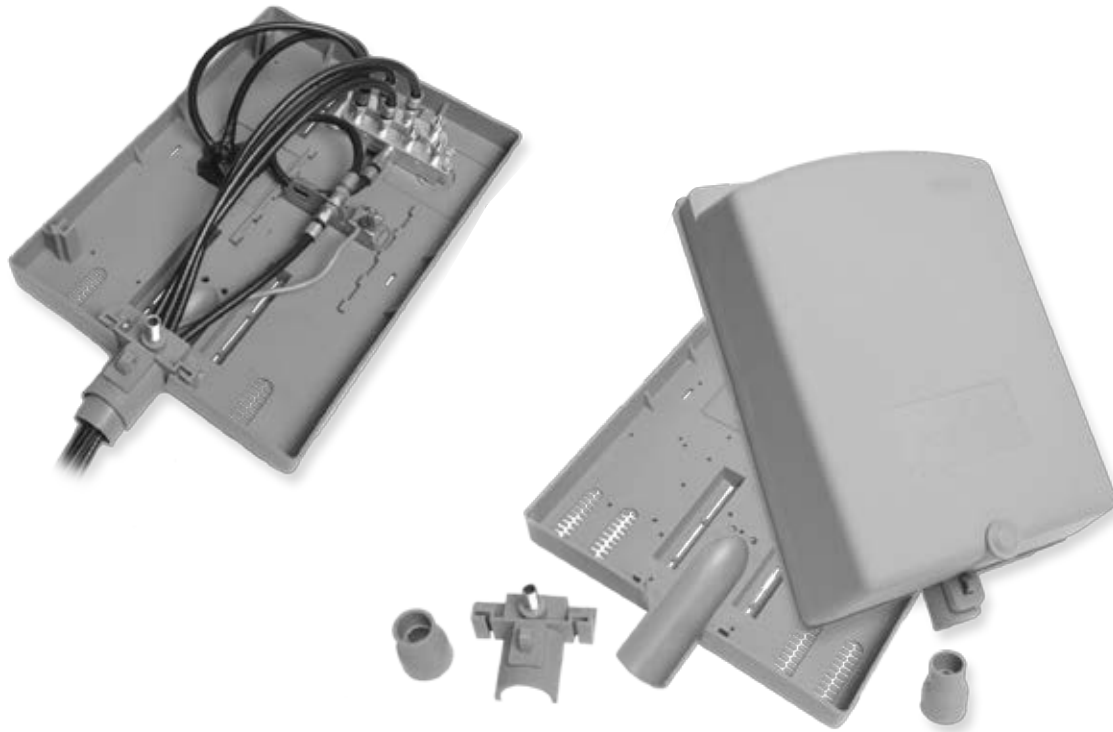## CC-1/JR, CC-1/DWB, and CC-1/110-T
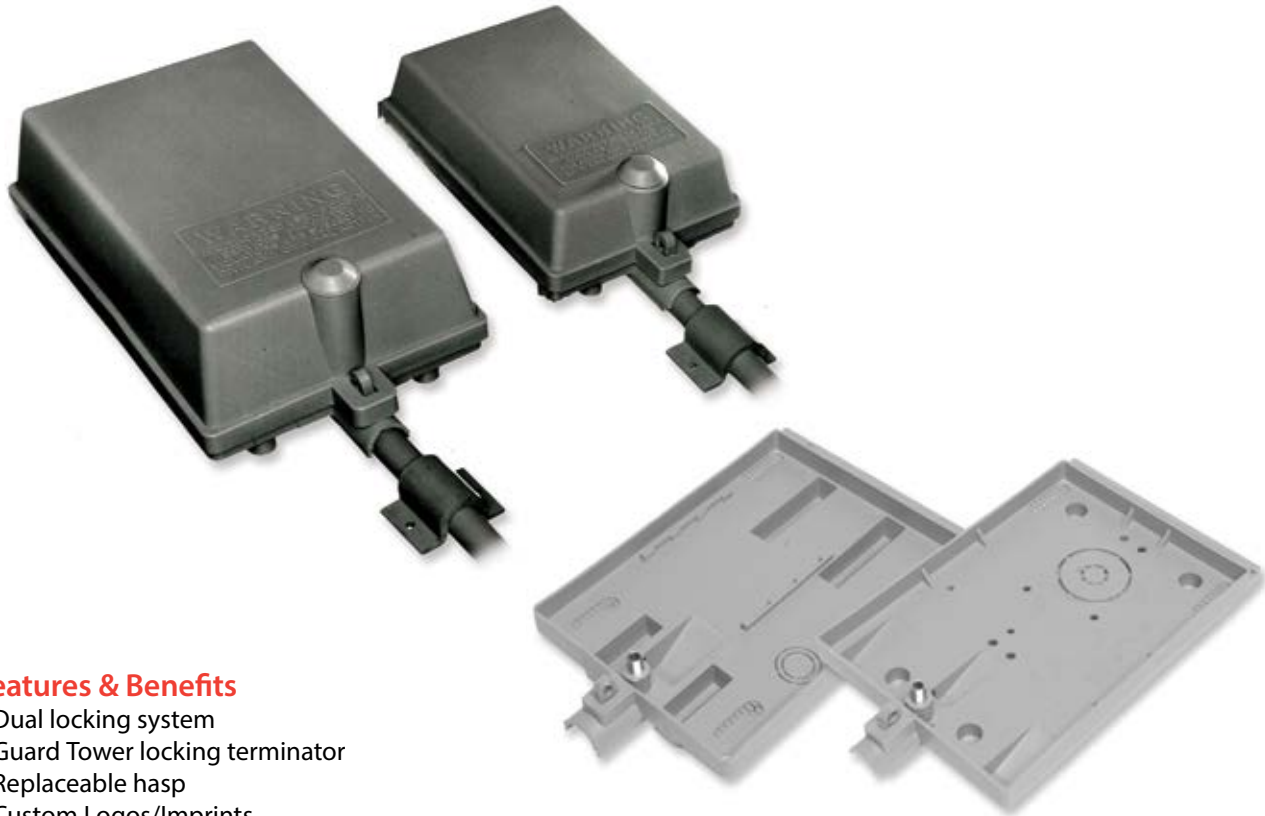
Features & Benefits
- Dual locking system
- Guard Tower locking terminator
- Replaceable hasp
- Custom Logos/Imprints
- Injection Molded available
- Have it your way, we customize to your application!

Patent #331-740

Stock ID	Description	Dimensions	Wt. Lbs./Case	UOM
30125K	CC-1/JR-T Set Up for Locking Terminator Use	7.375" H x 4.75" W x 1.625" D	26 lbs.	50/Case
30105K	CC-1/DWB-T	9.85" H x 6.75" W x 3.7" D	25 lbs.	30/Case
30306K	CC-1/DWB-TX "X" Back	9.85" H x 6.75" W x 3.7" D	25 lbs.	30/Case
30307K	CC-1/DWB-TS Tamper Proof Screw	9.85" H x 6.75" W x 3.7" D	25 lbs.	30/Case
30155K	CC-1/110-T Set Up for Locking Terminator Use	11" H x 7.0" W x 4.25" D	38 lbs.	30/Case
31440	C-1PC Terminator Cap for CC-1 Enclosures-Gray	-	-	Each

SDU9134 (Single Dwelling Unit)
Non-Captive Plastic Demarcation Enclosure

The SDU is more than a plastic enclosure. The innovative, NON CAPTIVE design speeds the upgrade installation time of installing a new demarcation enclosure without disconnecting the customer's service!

Features & Benefits
• Guard Tower locking terminator
• Replaceable Hasp
• Custom Logos/Imprints
• Injection molded available
• Standard color is gray

Stock ID	Description	Dimensions	Wt. Lbs./Case	UOM
30211K-T	SDU-9134 Set up with replaceable hasp and locking terminator security post	13.85" H x 9.31" W x 4" D	19 lbs.	10/Case
30222K	SDU-9134 Set up with replaceable hasp and locking terminator security post - **Features Deep Lid**	13.85" H x 9.31" W x 5" D	16 lbs.	8/Case

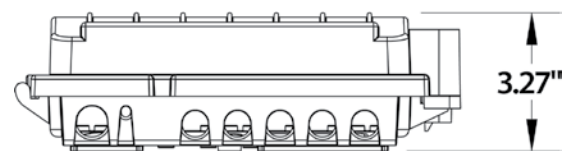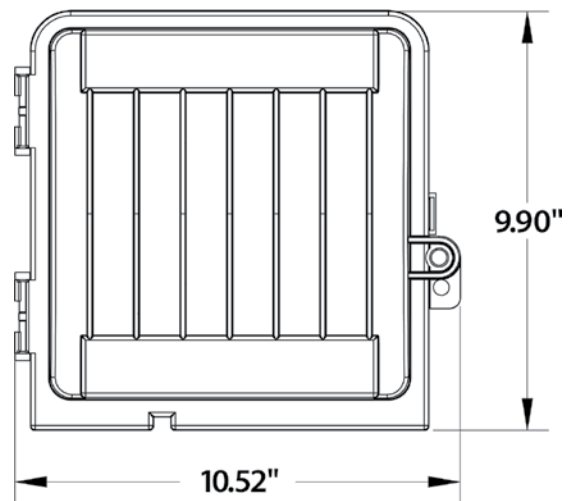SDU-9134 features tamper proof screws 10/Case

Indoor/Outdoor Wall Enclosure RNI-1000

The RNI-1000 series enclosure is constructed with UV stabilized plastic, standard gray color. Removable door has dual locking systems and accepts custom logos/imprints. Cable entry points can be found on the bottom of this enclosure. Countersunk mounting holes for easy mounting on uneven surfaces.

INDOOR/OUTDOOR WALL ENCLOSURE - RNI-1000

Stock ID	020-027-20
Description	Indoor/Outdoor Wall Enclosure RNI-1000
Dimensions	9.9" H x 10.52" W x 3.27" D
Capacity	7.5" H x 8.0" W x 1.75" D
Material	UV Stabilized Plastic, Gray (can be painted with latex paint)
Cable Entry	Multiple Entry Points at Bottom of Enclosure
Weight	34 lbs. per case
UOM	20 per case

9.90"

10.52"

3.27"

Indoor/Outdoor Wall Enclosure RNI-1200

New FlexGrid™ back design
for universal mounting

Patent in process

Customer Favorite

The RNI-1200 series enclosure is constructed with UV stabilized plastic, standard gray color. Removable door has dual locking systems and accepts custom logos/imprints. Cable entry points can be found on the bottom of this enclosure. Countersunk mounting holes for easy mounting on uneven surfaces. Back wall incorporated FlexGrid™ arrangement, which incorporates mounting slots for greater flexibility in mounting more products. Slots accept #6 & #8 screws.

INDOOR/OUTDOOR WALL ENCLOSURE - RNI-1200

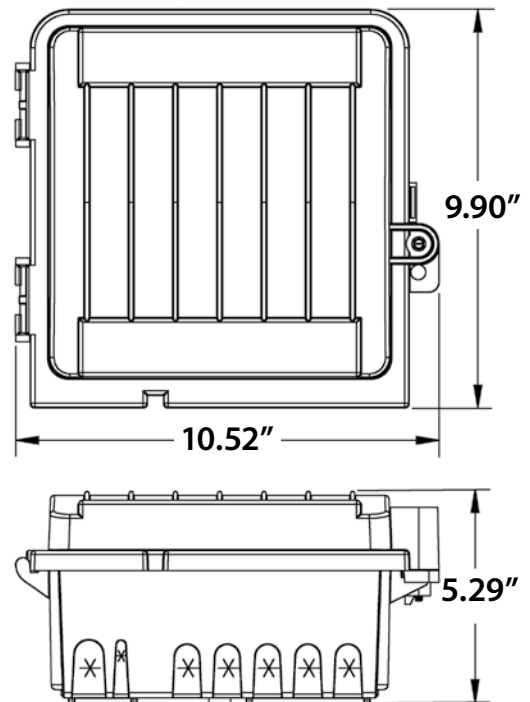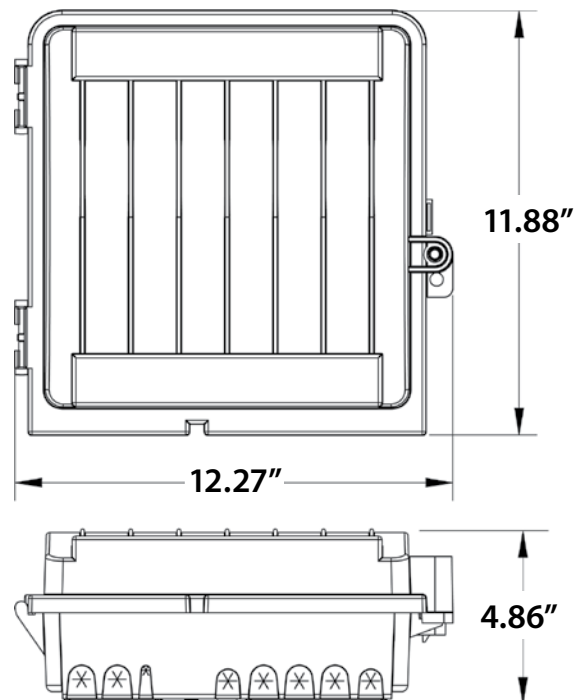|	
Stock ID	020-070-20
Description	Indoor/Outdoor Wall Enclosure RNI-1200
Dimensions	9.90" H x 10.52" W x 5.29" D
Capacity	7.5" H x 8.0" W x 4" D
Material	UV Stabilized Plastic, Gray (can be painted with latex paint)
Cable Entry	Multiple Entry Points at Bottom of Enclosure
Weight	13 lbs. per case
UOM	10 per case

9.90"

10.52"

5.29"

Indoor/Outdoor Wall Enclosure RNI-1500

The RNI-1500 series enclosure is constructed with UV stabilized plastic, standard gray color. Removable door has dual locking systems and accepts custom logos/imprints. Cable entry points can be found on the bottom of this enclosure. Countersunk mounting holes for easy mounting on uneven surfaces.

INDOOR/OUTDOOR WALL ENCLOSURE - RNI-1500

Stock ID	020-028-20
Description	Indoor/Outdoor Wall Enclosure RNI-1500
Dimensions	11.88" H x 12.27" W x 4.86" D
Capacity	9.5" H x 9.5" W x 3.25" D
Material	UV Stabilized Plastic, Gray (can be painted with latex paint)
Cable Entry	Multiple Entry Points at Bottom of Enclosure
Weight	20 lbs. per case
UOM	10 per case

11.88"

12.27"

4.86"

Indoor/Outdoor Wall Enclosure RNI-2000

New FlexGrid™ back design
for universal mounting

NEW

Patent in process

The Multilink RNI-2000 plastic demarcation enclosure provides the ultimate mounting flexibility of our FlexGrid™ mounting system. FlexGrid™ equipped boxes are guaranteed to fit any manufacturers splitter footprint. Mounting area of approximately 9″ wide and 6″ high provides unsurpassed mounting capability. The specialized grommet strip provides added weatherproofing along with an industry standard locking terminal for security of contents.

INDOOR/OUTDOOR WALL ENCLOSURE - RNI-2000

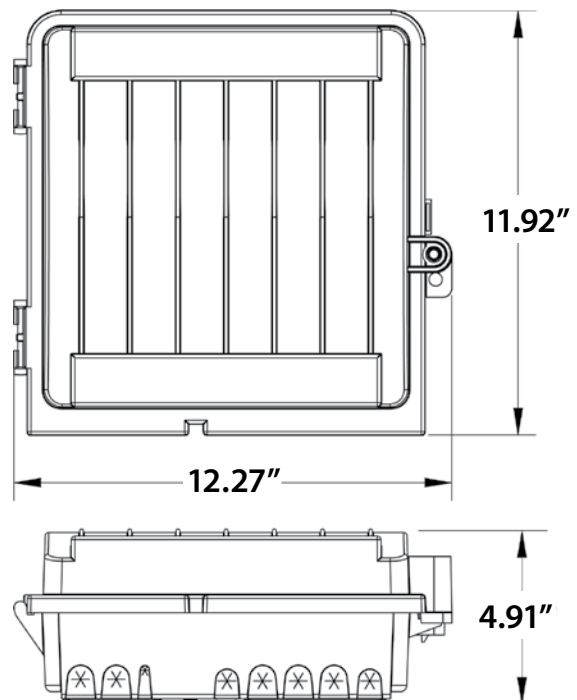|	
Stock ID	020-115-20
Description	Indoor/Outdoor Wall Enclosure RNI-2000
Dimensions	11.92″ H x 12.27″ W x 4.91″ D
Capacity	9.5″ H x 9.5″ W x 3.25″ D
Material	UV Stabilized Plastic, Gray (can be painted with latex paint)
Cable Entry	Multiple Entry Points at Bottom of Enclosure
Weight	20 lbs. per case
UOM	10 per case

11.92″

12.27″

4.91″

Indoor/Outdoor Wall Enclosure RNI-2500

New FlexGrid™ back design for universal mounting

Non-Captive Grommets

Patent in process

NEW

The Multilink RNI-2500 plastic demarcation enclosure provides the ultimate mounting flexibility of our FlexGrid™ mounting system. FlexGrid™ equipped boxes are guaranteed to fit any manufacturers splitter footprint. Four raised mounting blocks allow for a second level mounting plate to be installed above the base level of the enclosure. Specialized grommets and a main cable tie-down location provide added security along with industry standard locking terminal.

INDOOR/OUTDOOR WALL ENCLOSURE - RNI-2500

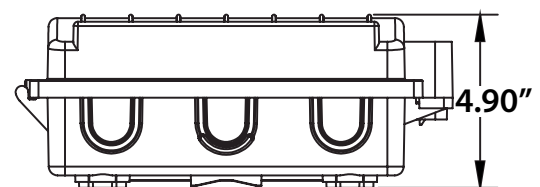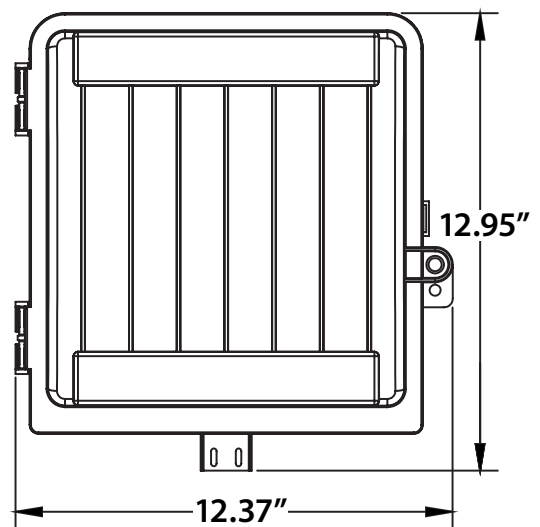|	
Stock ID	020-104-20
Description	Indoor/Outdoor Wall Enclosure RNI-2500
Dimensions	12.95" H x 12.37" W x 4.90" D
Capacity	9.75" H x 9.75" W x 3.75" D
Material	UV Stabilized Plastic, Gray (can be painted with latex paint)
Cable Entry	Multiple Entry Points at Bottom of Enclosure
Weight	20 lbs. per case
UOM	10 per case

12.95"

12.37"

4.90"

Multimedia Single Door Plastic Demarcation Enclosure
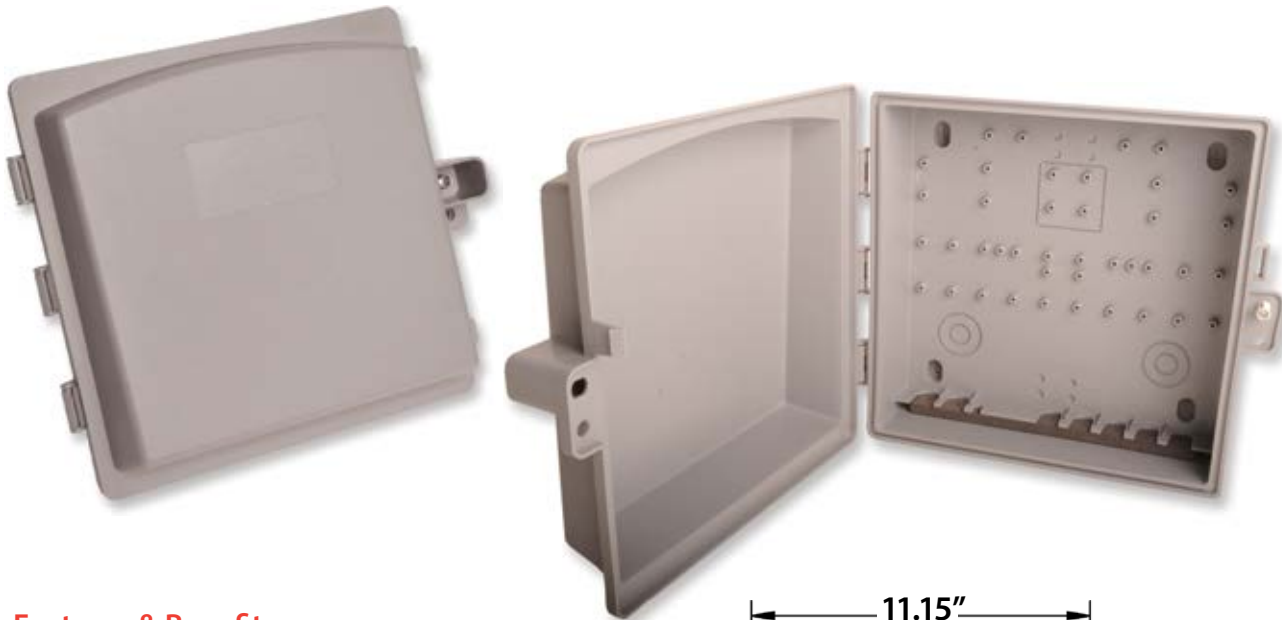
Features & Benefits
- Dual locking system
- Removable cover
- Plywood Optional
- UV stabilized plastic can be painted with Latex paint
- Countersunk mounting holes for easy mounting on uneven surfaces like aluminum or vinyl siding
- Standard color is Gray
- Custom Logos/Imprints
- Injection molded available

11.15"

11.15"

5.17"

INDOOR/OUTDOOR WALL ENCLOSURE - RNI-3600

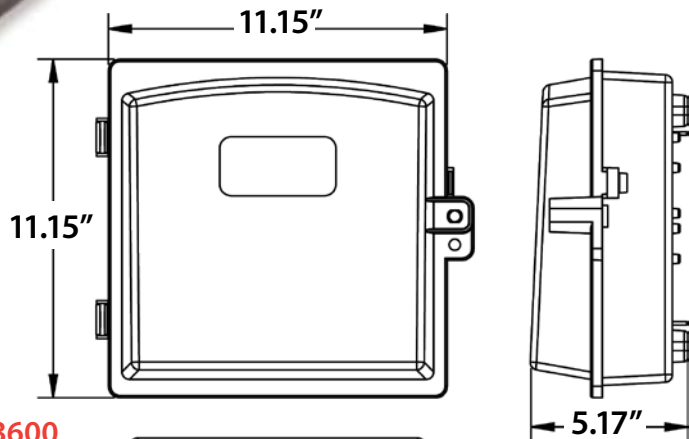|	
Stock ID	30617K
Description	Single Door Demarkation Enclosure w/ Locking Terminator
Dimensions	11.5" H x 11.5" W x 5.17" D
Material	UV Stabilized Plastic, Gray (can be painted with latex paint)
Cable Entry	Multiple Entry Points at Bottom of Enclosure
Weight	18lbs. per case
UOM	10 per case

RNI-3900 Single Door Plastic Demarcation Enclosure

Features & Benefits
- Dual locking system
- Removable cover
- Plywood Optional
- UV stabilized plastic can be painted with Latex paint
- Countersunk mounting holes for easy mounting on uneven surfaces like aluminum or vinyl siding
- Standard color is Gray
- Custom Logos/Imprints
- Injection molded available

9.55"

12.15"

4.40"

INDOOR/OUTDOOR WALL ENCLOSURE - RNI-3900

Stock ID	10-9899
Description	Plastic demarcation enclosure with locking terminator
Dimensions	12.15" H x 9.55" W x 4.40" D
Material	UV Stabilized Plastic, Gray (can be painted with latex paint)
Cable Entry	Multiple Entry Points at Bottom of Enclosure
Weight	18lbs per case
UOM	10 per case
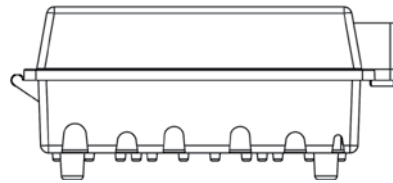
RNI-3800 Single Door Plastic Demarcation Enclosure

Louvers are designed into cover to
look like vents on the side of homes

Custom logo available
and molded into plastic
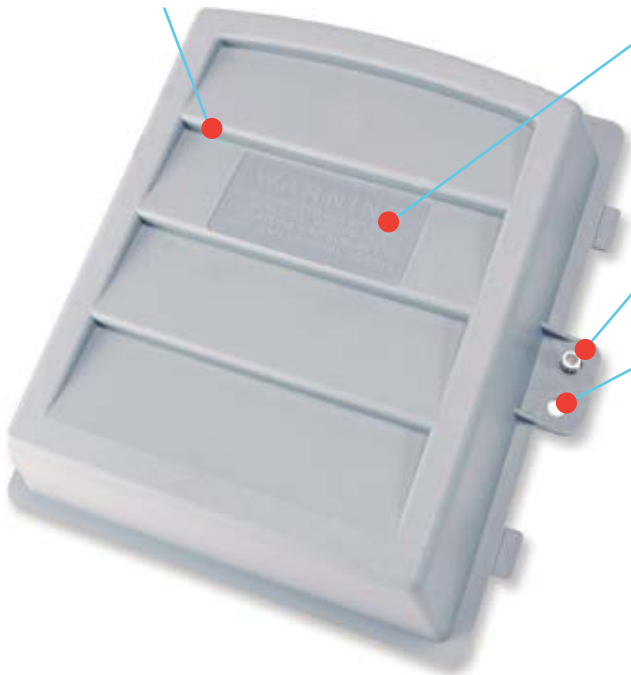
Locking Terminator

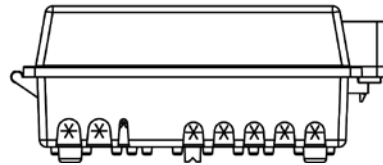Locking hole for
cable lock or wires

Features & Benefits
- Dual locking system
- Removable cover
- Plywood Optional
- UV stabilized plastic can be painted with Latex paint
- Countersunk mounting holes for easy mounting on
  uneven surfaces like aluminum or vinyl siding
- Standard color is Gray
- Custom Logos/Imprints. Injection molded available

9.51"

11.92"

Logo

6.09"
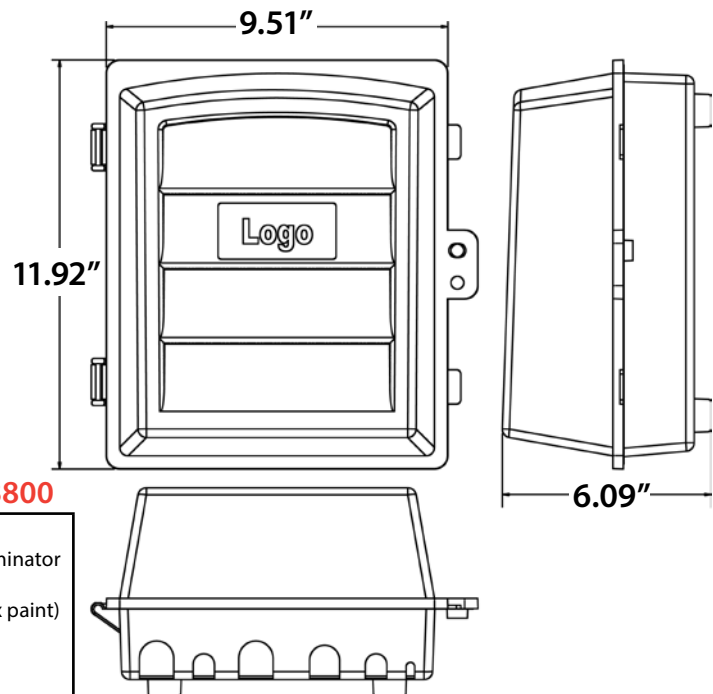
INDOOR/OUTDOOR WALL ENCLOSURE - RNI-3800

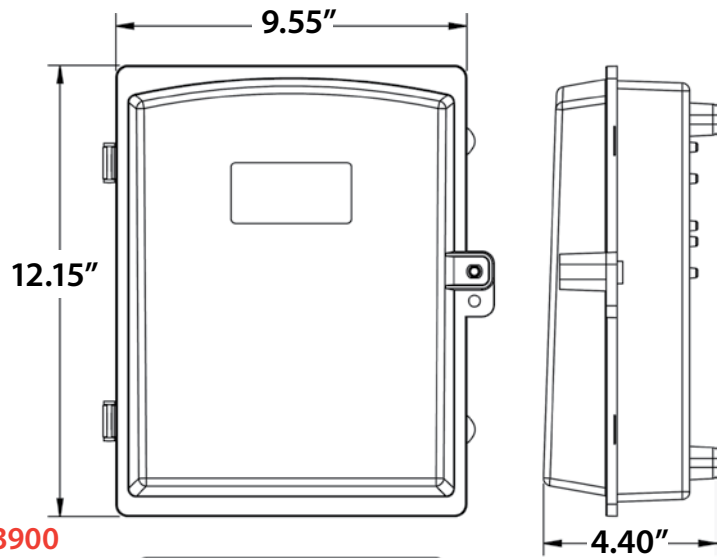|	
Stock ID	10-8609
Description	Single Door Demarkation Enclosure w/ Locking Terminator
Dimensions	11.92" H x 9.51" W x 6.09" D
Material	UV Stabilized Plastic, Gray (can be painted with latex paint)
Cable Entry	Multiple Entry Points at Bottom of Enclosure
Weight	18lbs. per case
UOM	10 per case

RNI-3615 Double Door Plastic Demarcation Enclosure

Punch Down Block Shown
Not Available

Features & Benefits
- Dual door access and locking
- Removable cover
- Countersunk mounting holes for easy mounting on uneven surfaces like aluminum or vinyl siding
- Custom injected molded logo available
- Weatherized UV stabilized plastic for the ultimate protection against the elements
- Enclosure can be painted with Latex paint
- Unique ribbed backing built into the enclosure for easy mounting of equipment anywhere on the pattern
- Removable plastic divider for increased versatility
- Plywood optional.
- Special resistance material available upon request, includes 15 year pro-rated warranty
- Standard color is gray

INDOOR/OUTDOOR WALL ENCLOSURE - RNI-3615

Stock ID	30632K
Description	Dual Door Demarkation Enclosure w/ Locking Terminator
Dimensions	13.84" H x 8" W x 4.43" D
Material	UV Stabilized Plastic, Gray (can be painted with latex paint)
Cable Entry	Multiple Entry Points at Bottom of Enclosure
UOM	10 per case

Minimum order 200pcs.

8.00"

13.84"

4.43"
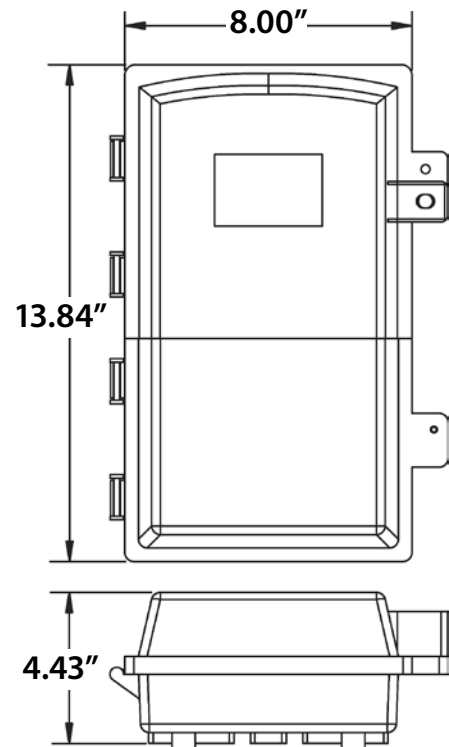
Multimedia Double Door Plastic Demarcation Enclosure

Exterior Features
- Weatherized UV stabilized plastic for the ultimate protection against the elements
- Dual locking system
- UV stabilized plastic can be painted with Latex paint
- Countersunk mounting holes for easy mounting on uneven surfaces like aluminum or vinyl siding
- Can be wall mounted or on a pedestal stake
- Standard color is Gray
- Custom Logos/Imprints. Injection molded available

Interior Features
- Both plastic dividers can be removed for increased versatility
- The removable plastic insert plate has 2 knockouts for F-81 hex holes and an open end hex hole in the center of plate for an F-81

INDOOR/OUTDOOR WALL ENCLOSURE - RNI-3620

Stock ID	30652K
Description	Dual Door Demarkation Enclosure w/ Locking Terminator
Dimensions	16.84" H x 10.75" W x 4.19" D
Material	UV Stabilized Plastic, Gray (can be painted with latex paint)
Cable Entry	Multiple Entry Points at Bottom of Enclosure
Weight	35 lbs. per case
UOM	10 per case

Minimum order 200pcs.

10.75"

16.84"

4.19"
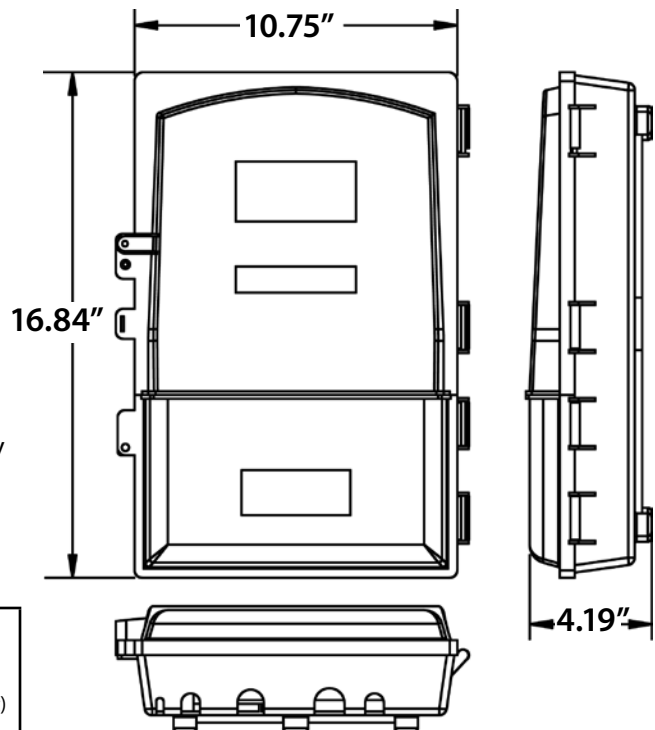
AM Series JIC Size Junction Box
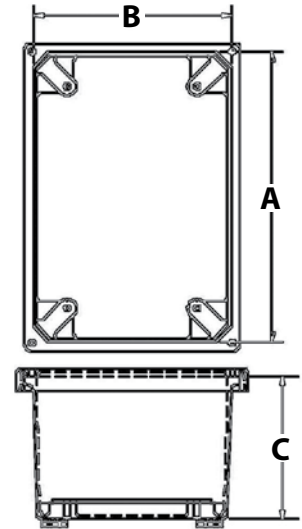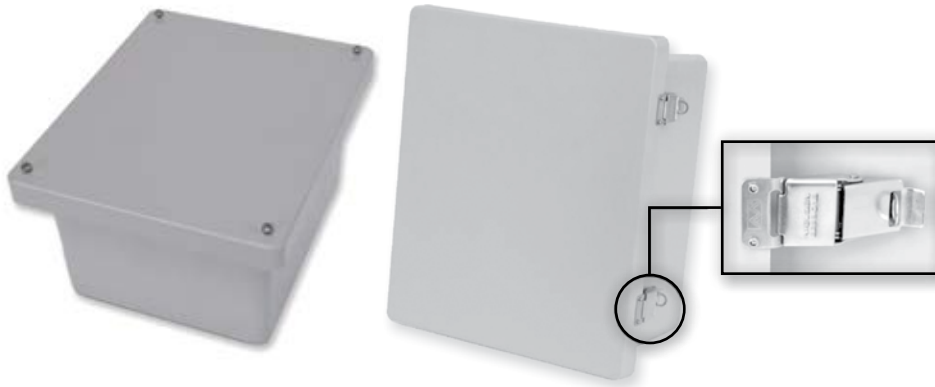
Features
- NEMA/EEMAC Type 4, 4X, 12 specifications
- UL 508 listed, Type 1, 2, 3, 3R, 4, 4X, 12, 13
- CSA certified LR 89590 for use with industrial equipment CSA Enc. 1, 2, 3, 4, 4X, 12, 13
- Strong, molded fiberglass reinforced polyester construction with matching flat cover
- Gasket made of closed cell neoprene cord encased in a continuous channel
- 304 stainless steel wall mounting feet with 10-32 stainless steel screws included
- 10-32 thread inserts are installed for optional back panel
- Fiberglass material is easily punched, drilled or sawed
- UV stabilized for outdoor use

Options
- Optional painted carbon steel back panels
- Optional aluminum back panels
- Custom size polycarbonate viewing windows
- Hinge installed on short side
- Molded-in color matches
- EMI/RFI shielding
- Factory supplied silk screening

Part#	Description	Dimensions	UOM
10-9001	AM 664 SERIES JIC Size Junction Boxes With Lift Off Screw Cover	6.1" A x 6.1" B x 4.18" C	Each
10-9002	AM 864 SERIES JIC Size Junction Boxes With Lift Off Screw Cover	8" A x 6.12" B x 4.13" C	Each
10-9003	AM 1084 SERIES JIC Size Junction Boxes With Lift Off Screw Cover	10.13" A x 8.26" B x 6.13" C	Each
10-9004	AM 1086 SERIES JIC Size Junction Boxes With Lift Off Screw Cover	10.13" A x 8.26" B x 6.13" C	Each
10-9005	AM 1206 SERIES JIC Size Junction Boxes With Lift Off Screw Cover	12.13" A x 10.26" B x 6.13" C	Each
10-9006	AM 1426 SERIES JIC Size Junction Boxes With Lift Off Screw Cover	14.13" A x 12.26" B x 6.13" C	Each
10-9007	AM 1648 SERIES JIC Size Junction Boxes With Lift Off Screw Cover	16.27" A x 14.4" B x 8.13" C	Each
10-9008	AM 1868 SERIES JIC Size Junction Boxes With Lift Off Screw Cover	18.4" A x 16.4" B x 8.13" C	Each
10-9009	AM 2068 SERIES JIC Size Junction Boxes With Lift Off Screw Cover	20" A x 16" B x 8.13" C	Each
10-9010	AM 664L SERIES JIC Size Junction Boxes With Hinged Cover	6.1" A x 6.1" B x 4.18" C	Each
10-9011	AM 864L SERIES JIC Size Junction Boxes With Hinged Cover	8" A x 6.12" B x 4.13" C	Each
10-9012	AM 1084L SERIES JIC Size Junction Boxes With Hinged Cover	10.13" A x 8.26" B x 4.13" C	Each
10-9013	AM 1086L SERIES JIC Size Junction Boxes With Hinged Cover	10.13" A x 8.26" B x 6.13" C	Each
10-9014	AM 1206L SERIES JIC Size Junction Boxes With Hinged Cover	12.13" A x 10.26" B x 6.13" C	Each
10-9015	AM 1426L SERIES JIC Size Junction Boxes With Hinged Cover	14.13" A x 12.26" B x 6.13" C	Each
10-9016	AM 1648L SERIES JIC Size Junction Boxes With Hinged Cover	16.27" A x 14.4" B x 8.13" C	Each
10-9017	AM 1868L SERIES JIC Size Junction Boxes With Hinged Cover	18.4" A x 16.4" B x 8.13" C	Each
10-9018	AM 2068L SERIES JIC Size Junction Boxes With Hinged Cover	20" A x 16" B x 8.13" C	Each

ML-200 Telephony Demarcation Enclosure
Ideal for terminating phone drops in cable VOIP installations

Features
• Wall or pole mountable
• Integrated security features
• Hinged cover for ease in access
• Corrosion and weatherproof for outdoor applications
• Impact resistant and UV resistant for maximum field survivability

Benefits
The Multilink ML-200 series telephony demarcation enclosure is a weatherproof outdoor product designed to allow for the interconnection or repair of traditional telephony grade copper conductors.

The enclosure can be used for interconnecting copper telephony conductors in VOIP applications without the need to re-run entire telephony inside wiring.

The enclosure can be mounted on most outdoor plant surfaces including poles and walls near existing telephony demarcation enclosures.

Within the enclosure are 4 brass posts with associated washers and nuts for terminating in-bound and out-bound copper pairs, which, if used, would allow for a means to separate the network from a station in test access situations.

The enclosure can also be used as a convenient location to repair copper conductors using standard discrete copper connectors.

The unit is designed with 2 entry ports at the unit's base for in-bound and out-bound cabling and ground wire insertion.

The cover and base are hinged and can be secured via the molded in cover and base loop located on the right hand side.

Part#	Description	Dimensions	UOM
10-6897	ML-200 Telephony Demarcation Enclosure	3.24"W x 5.0"H x 2.5"D	Each

Standard color is Gray

Plastic Demarcation Accessories

Riser Tubing
Protect drop cable from weed eaters and
environmental damage with solid wall riser tubing

Mounting Strap
For Riser Tubing

Stock ID	Description	Dimensions	UOM
31701	Slit Back Snap-On Style Riser Tubing	.5" ID x .875" OD x 6'L	50/Case
31705	578-RT Solid Body Riser Tubing	.5" ID x .875" OD x 6'L	50/Case
31702	Mounting Strap for Riser Tubing	0.875"	Each

Splice Kits

Gelseal™ Splice Kit Re-Enterable

- One size fits all RG6/59 or RG7/11 drop cable and 2-6 twisted pair phones lines
- Reduces your inventory
- Stock one size for direct burial underground splices

Mechanical Specifications

Splices protected when direct buried and exposed to temperature ranges of -40°F to 140°F.

Gelseal™ Re-Enterable

Test	Test Conditions
Environmental Cycling	-40°C to 60°C; 3 cycles/day; 100 cycles
Heat Aging	60°C; 30 days
Water Immersion	Room temperature for 30 days; 2 foot water head
Freeze-Thaw Cycling	-40°C to 60°C; 2 cycles per day; 1000 cycles
Salt Fog	Per ASTM B-368; 30 days
Soil Chemical Resistance	30 day immersion in: • 0.1N Na2SO4 • 0.1N H2SO4 • 0.1N NaCL • 0.1 NaOH
Fungus Resistance	Per ASTM G-21

Gelseal™ Splice Kit Re-Enterable

3610-GS

Stock ID	34120K-OR 34120K-BLK
Description	For RG6/59 Drop Cable Twisted Pair Orange Kit
Dimensions	4" L x 1" W x 1.5" H
Weight	.10 lbs.
Material	Plastic with Silicone
UOM	Each

3611-GS

Stock ID	34122K-OR
Description	For RG7/11 Drop Cable Twisted Pair Orange Kit
Dimensions	7.75" L x 1.5" W x 1.75" H
Weight	-
Material	Plastic with Silicone
UOM	Each

3612-GS

Stock ID	34123K-OR
Description	Splice Repair Kit For 0.412 - 0.750 Feeder Cable Black Kit
Dimensions	12" L x 2.25" W x 3.5" D
Weight	-
Material	Plastic with Silicone
UOM	Each

Customer Favorite

3614-GS

Stock ID	34145K
Description	Multi Gelseal™ Splice Orange Kit
Dimensions	6" L x 2" W x 1" D
Weight	-
Material	Plastic with Silicone
UOM	Each

3616-GS

Stock ID	10-8342
Description	For RG59, RG6, RG7, RG11 and 312 Drop Cable Twisted Pair Black Kit
Dimensions	6" L x 2" W x 1" D
Weight	.21 lbs.
Material	Plastic with Silicone
UOM	Each

Splice Sealant

Features & Benefits
- Teflon filled thread sealing
- High temperature resistance
- Non-galling, non-seizing, and non-toxic
- Extreme resistance to rust and corrosion
- Non-corrosive to metals
- Non-staining
- Note: All above come with twist cap and squeezable bottle

F-Seal™

- Multilink's F-Seal was developed to maintain an internal seal against signal leakage from F-Connectors
- And no matter what brand of connector you are using, you must be able to seal the internal threads against the incursion of moisture, pollution, and other unpredictable weather conditions
- With a single drop of F-Seal on the thread port you will be able to maintain a more secure and a longer lasting seal than with silicone grease (Please note that the signal contact is made with the F-Connector post and not the threads)
- F-Seal is especially compounded to remain permanently elastic, even under extreme weather conditions
- F-Seal works effectively in temperatures ranging from -40°F to 400°F. Along with Multilink's Torque Wrench and a simple Weather Boot, you can ensure that you have the best seal possible at the absolute lowest cost
- F-Seal already has a proven track record that literally goes above and beyond the Cable TV industry standard
- F-Seal is derived from a compound that was used on the Space Shuttle to seal fittings, which proves that it can certainly meet any earthbound standard!

Stock ID	Description	Size	UOM
38260K	F-Seal Teflon Splice Sealant	4 Fl. Oz.	Each
38270K	F-Seal Teflon Splice Sealant	8 Fl. Oz.	Each

UDSP Splice Sealant

Stock ID	Description	Size	UOM
34402K	4421-GS Underground Drop Sealant	4.25" L x 2.375" W	Each
34401K	4425-UDSP Underground Drop Sealant	4.25" L x 2.375" W	50/Bag

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Smart Clips Surface Mount/Siding Clips / The All-In-One Cable Clip!

- The Smart Clip replaces all the surface mounting clips and siding clips you are now using for cable installation on the side of homes
- Cut inventory from 20 line items to 2 line items
- There are only two Smart Clips, a surface mount clip and a siding clip
- They use detachable or multi-detachable tie wraps, eliminating the need for multiple sizes of clips
- Smart Clips can be used horizontally or vertically

Features & Benefits
- Lower inventory types, only two part numbers to stock
- Complete assembly - includes fastening screw (for surface mount)
- Fits all standard coaxial and twisted pair drop cables
- Ready for cable installation with an included outdoor tie wrap
- Vertical or horizontal mount for siding applications

Special Features
- Run additional cable/phone lines without installing additional clips

US Patent 6,378,814B1
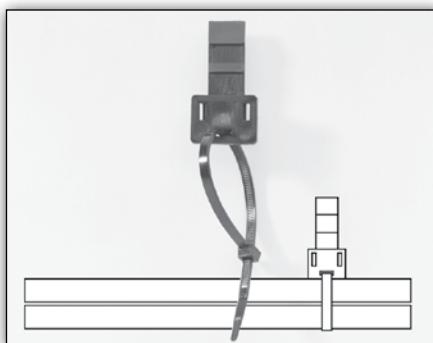
Siding Clip
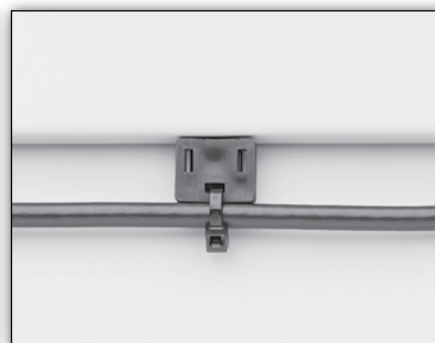
Horizontal Application

Vertical Application

Stock ID	Description	UOM
33626K	CHV-6W Siding Clip White	100/Case
33627K	CHV-6B Siding Clip Black	100/Case

Surface Mounting Clip

Add Twisted Pair

Stock ID	Description	UOM
33625K	CSM-6 Surface Mounting Clip Black	100/Case

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Plastic Cable Clips Screw-In Clips for 6/59 or 7/11 Cable

Features & Benefits
- Clips secure to either 6/59 or 7/11 series cables without limiting transmission signal bandwidth
- UV stabilized Xenoy® clip body has a temperature range of -50°F to 300°F. No cracking, splitting, or chipping
- Smooth, rounded edges of clip bodies will not cut or abrade cable shielding, eliminating a cause of signal leakage
- Screws are specially hardened, plated, and treated to withstand 1,000 hours of corrosive salt spray testing per ASTM B 117
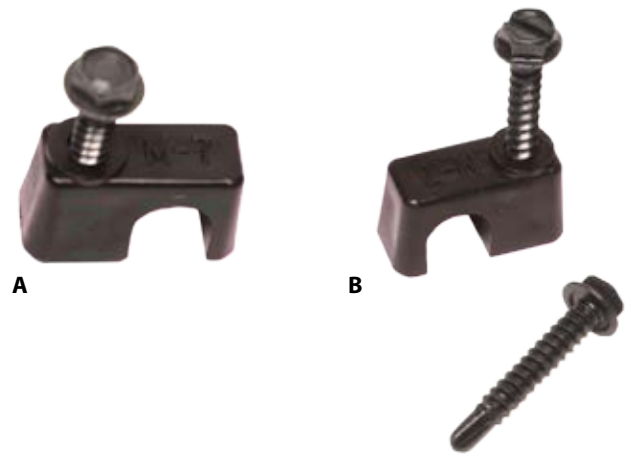
Figure	Part#	Description	Dimensions	UOM
A	10-9980	625-RG11 Plastic Strap & Screw For RG11	For 0.393" - 0.405" Diameter Cable	100/Bag
-	33535K	620-RG6QS Plastic Strap & Screw For RG6	For 0.272" - 0.300" Diameter Cable	100/Bag
B	33539K	625-RG6DS Plastic Strap With Drill & Tap Screw	For 0.272" - 0.300" Diameter Cable	100/Bag

DROP INSTALLATION MATERIALS
Plastic Horizontal and Vertical Siding Clips

Cable installers love this innovative design. Allows rapid, snap-on installation without special tools (only a screwdriver). No nails, no staples, no mess. These residential siding clips are trouble-free! The premium grade nylon lasts longer. Resists weather. Replacement call backs or complaints are virtually eliminated. The customers appreciate the safe and neat installation. No possible tool damage or punctures to siding. No rust or stain from nails or staples. No deterioration.
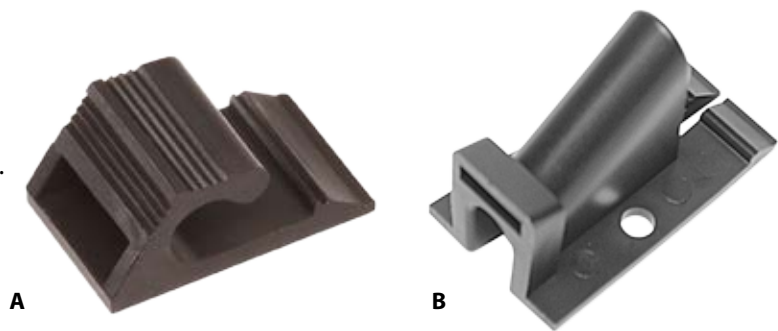
Figure	Part#	Description	UOM
A	10-6050	Horizontal Sliding Clip Black	100/Bag
B	10-6051	Vertical Sliding Clip Black	100/Bag

Drop Installation Materials

Squirrel Guard
- Protect hard and drop cable from hungry squirrels and other pesky rodents with Multilink Squirrel Guard
- Squirrel Guard is now available in two styles
- Both the Green Flex and the Squirrel Guard Slinky are easy to install and will provide superior protection from rodent damage to your cable

Part#	Description	Dimensions	UOM
24503	7003-SGJ (Slinky) For RG6 & RG59	-	100/Roll
24513	73435-SGT Green Flex	1.5" x 6'	75/Carton
24512	73435-SGT Green Flex	1.5" x 100'	100/Carton

Multilink's Family Of Raceway

Downspout Exterior Raceway System

Featured Product

MULTIPLE APPLICATIONS
- Fiber
- CATV
- HVAC
- Teleco
- Coaxial
- Satellite
- Twisted Pair
- Solar

Patent No. US 7,964,804 B2

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Downspout Exterior Raceway System
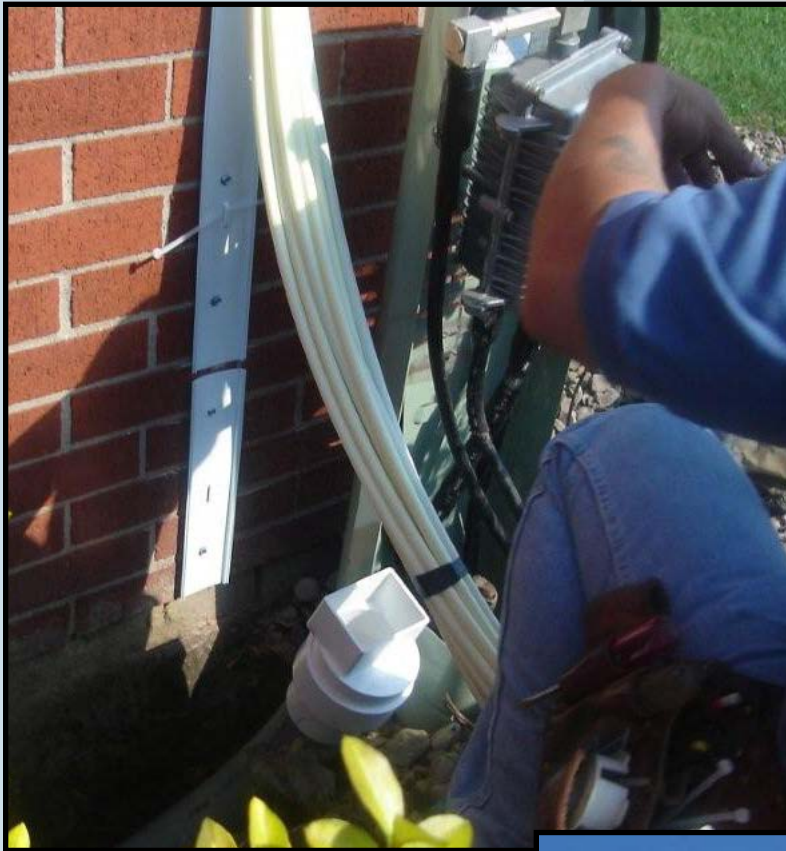
The patented Downspout Raceway System from Multilink provides a simple solution to cover up any wiring or piping that runs along your exterior walls. This system gives you the added benefits of maintaining the accepted architecture look that will be readily accepted by the end user as well as a quick and easy installation in the field.

1.

2.

3.

Specifications subject to change without notice.
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Downspout Exterior Raceway System

F

D

B

C

A

E

G

BRIDGE LANCES
EVERY 12"

Patent No. US 7,964,804 B2

3.160

DOWNSPOUT
COVER

2.798

DOWNSPOUT
BASE

Actual size
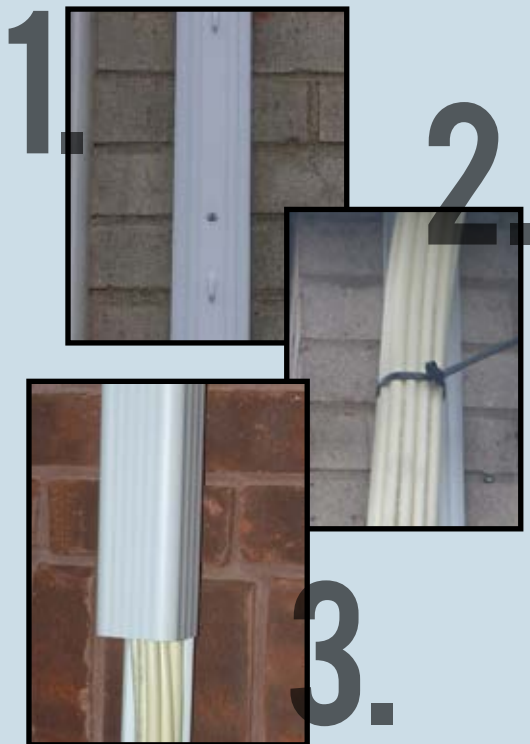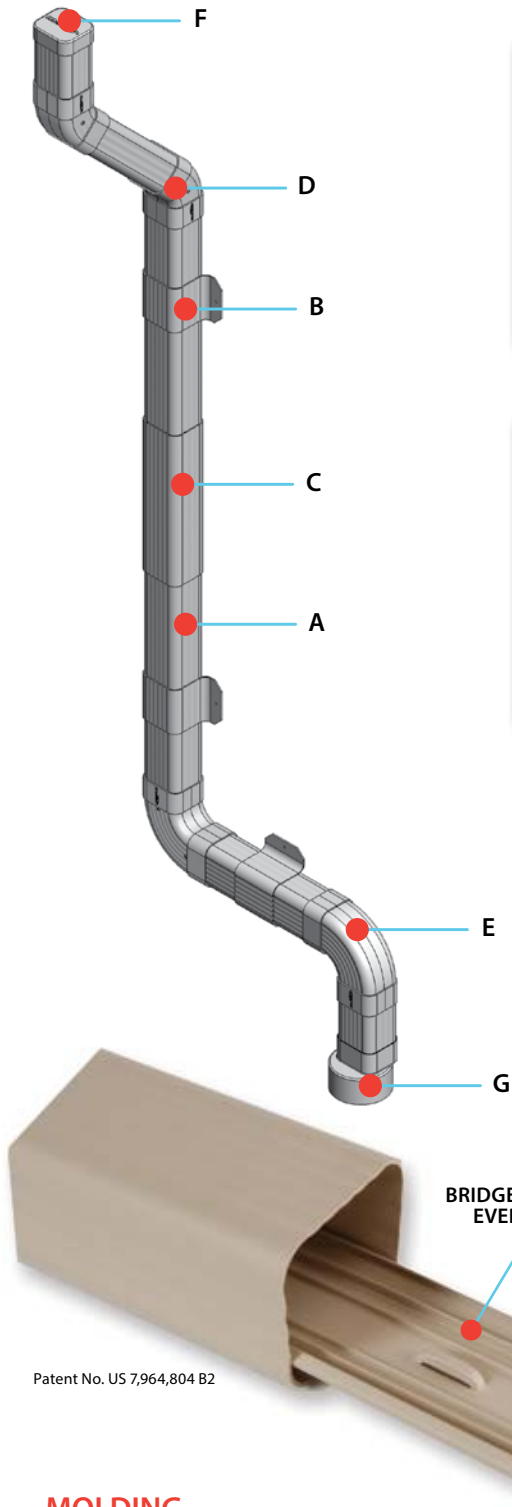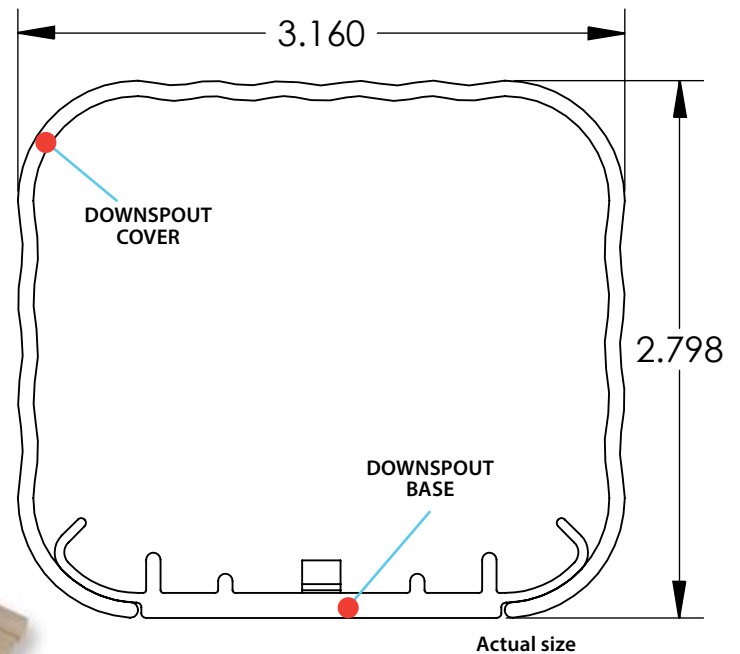
MOLDING

Item	Part #	Description	UOM
A	039-138-10	Downspout Molding White Plastic Exterior 8' (2 Piece System, Cover & Base)	96'/Ctn
A	039-138-11	Downspout Molding Brown Plastic Exterior 8' (2 Piece System, Cover & Base)	96'/Ctn
A	039-138-12	Downspout Molding Beige Plastic Exterior 8' (2 Piece System, Cover & Base)	96'/Ctn

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Downspout Exterior Raceway System

WALL STRAP

Item	Part #	Description	UOM
B	039-143-10	DWS-W Downspout Wall Strap White	10/Pack
B	039-143-11	DWS-B Downspout Wall Strap Brown	10/Pack
B	039-143-12	DWS-BE Downspout Wall Strap Beige	10/Pack

SEAM COVER

Item	Part #	Description	UOM
C	039-141-10	DSSC-W Downspout Seam Cover White	10/Pack
C	039-141-11	DSSC-B Downspout Seam Cover Brown	10/Pack
C	039-141-12	DSSC-BE Downspout Seam Cover Beige	10/Pack

45° FITTING (2 Piece System)

Item	Part #	Description	UOM
D	039-147-10	DSF-45-W Downspout 45 Degree Fitting White (2 Piece System)	Each
D	039-147-11	DSF-45-B Downspout 45 Degree Fitting Brown (2 Piece System)	Each
D	039-147-12	DSF-45-BE Downspout 45 Degree Fitting Beige (2 Piece System)	Each

90° FITTING (2 Piece System)

Item	Part #	Description	UOM
E	039-146-10	DSF-90-W Downspout 90 Degree Flat Fitting White (2 Piece System)	Each
E	039-146-11	DSF-90-B Downspout 90 Degree Flat Fitting Brown (2 Piece System)	Each
E	039-146-12	DSF-90-BE Downspout 90 Degree Flat Fitting Beige (2 Piece System)	Each

END CAP

Item	Part #	Description	UOM
F	039-139-10	DSEC-W Downspout End Cap Fitting White (1 Piece)	10/Pack
F	039-139-11	DSEC-B Downspout End Cap Fitting Brown (1 Piece)	10/Pack
F	039-139-12	DSEC-BE Downspout End Cap Fitting Beige (1 Piece)	10/Pack

ROUND ADAPTER

Item	Part #	Description	UOM
G	039-163-10	DSA-4R-W Downspout to 4" Round Adapter White	Each
G	039-164-10	DSA-3R-W Downspout to 3" Round Adapter White	Each

Architectural Latch Duct Raceway
Category 5, 5E and 6 1" Bend Radius Compliant - Available in our Standard Version

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Architectural Latch Duct Raceway
Category 5, 5E and 6 1" Bend Radius Compliant - Available in our Standard Version
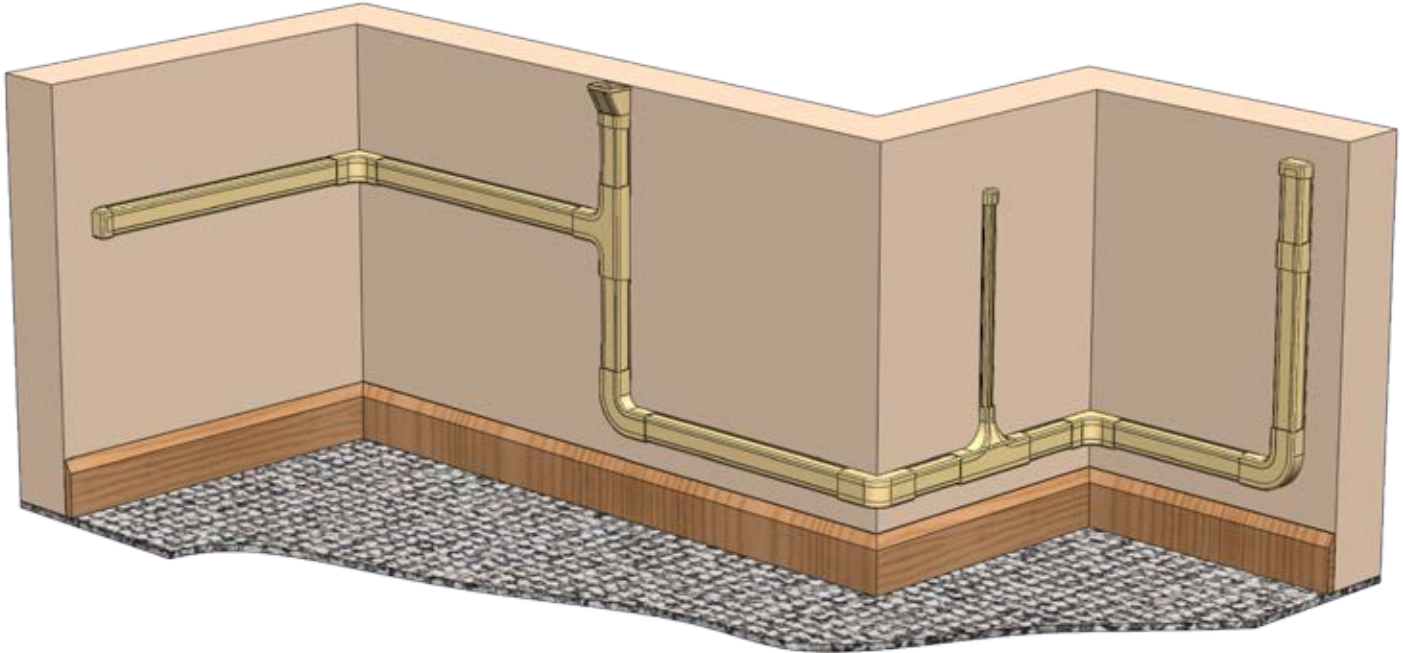
Features
- Fast Mounting One Piece Design
- Architectural MutiRaceway holds communication cables to a 1 inch bend radius, thus maintaining end to end connectivity even when filled to capacity or pulled through the raceway
- The one piece design constructed of 94V-O rigid vinyl features a highly flexible hinge and self-locking latch
- This can be easily accessed as many times as necessary without stress cracking or discoloration

UL Listed Material

Multilink Latch Duct MultiRaceway
Category 5, 5E and 6 1" Bend Radius Compliant

Features & Benefits
- The MRM Series Latch Duct Raceway is an adhesive backed, highly flexible, one piece design that installs quickly and easily
- All fittings incorporate a minimum of 1" bend radius, thus maintaining end to end connectivity even when filled to capacity or pulled through raceway.

Customer Favorite

A-C

A

B

C

.50
.84

.78
1.36

1.06
1.90
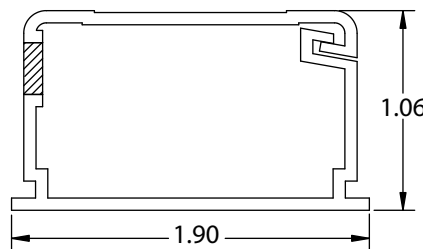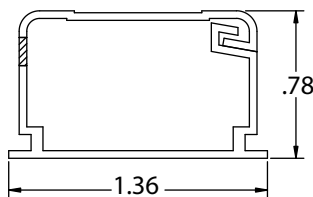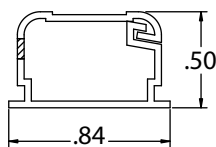
MOLDING

Figure	Stock ID	Part #	Description	Dimensions	Weight	UOM
A	99828	MRM75-I-T	Pre-Adhesive Backed Latch Duct Raceway	.84" W x .5" H x 6' L	9 Lbs./Ctn	120'/Ctn
A	99825	MRM75-W-T	Pre-Adhesive Backed Latch Duct Raceway	.84" W x .5" H x 6' L	9 Lbs./Ctn	120'/Ctn
A	99830	MRM75-OW-T	Pre-Adhesive Backed Latch Duct Raceway	.84" W x .5" H x 6' L	9 Lbs./Ctn	120'/Ctn
B	99838	MRM12-I-T	Pre-Adhesive Backed Latch Duct Raceway	1.36" W x .78" H x 6' L	23 Lbs./Ctn	120'/Ctn
B	99835	MRM12-W-T	Pre-Adhesive Backed Latch Duct Raceway	1.36" W x .78" H x 6' L	23 Lbs./Ctn	120'/Ctn
B	99831	MRM12-OW-T	Pre-Adhesive Backed Latch Duct Raceway	1.36" W x .78" H x 6' L	23 Lbs./Ctn	120'/Ctn
C	99848	MRM17-I-T	Pre-Adhesive Backed Latch Duct Raceway	1.90" W x 1.06" H x 6' L	33 Lbs./Ctn	120'/Ctn
C	99845	MRM17-W-T	Pre-Adhesive Backed Latch Duct Raceway	1.90" W x 1.06" H x 6' L	33 Lbs./Ctn	120'/Ctn
C	99832	MRM17-OW-T	Pre-Adhesive Backed Latch Duct Raceway	1.90" W x 1.06" H x 6' L	33 Lbs./Ctn	120'/Ctn

Packed 120 ft. per carton
Standard colors are Ivory, White and Office White
Replace XX with I, W or OW for color designation
Custom colors available on molding for a minimum run of 3,000 FT (500 pieces for fittings)
Call Customer Service for more information

MutliClear Surface Raceway
Category 5, 5E and 6 1" Bend Radius Compliant

A-C
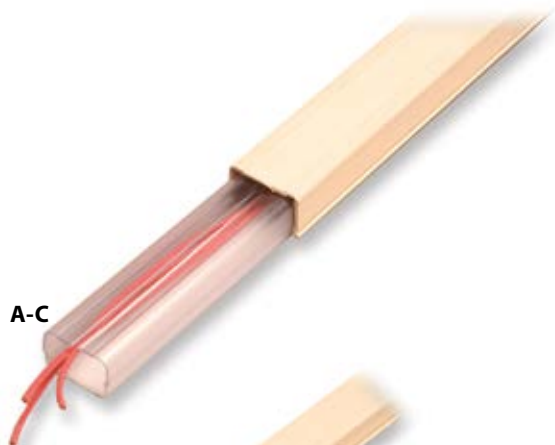
Features & Benefits
• The MultiClear Raceway encompasses a flexible vinyl base to hold and secure cable
• The cover can be removed without disrupting the cabling
• This two piece design has a clear base and solid covers available in our standard raceway colors of Ivory, White, and Office White
• The line is compatible with the fittings on the following pages

A   **B**   **C**

.50   .84   .78   1.36   1.06   1.90
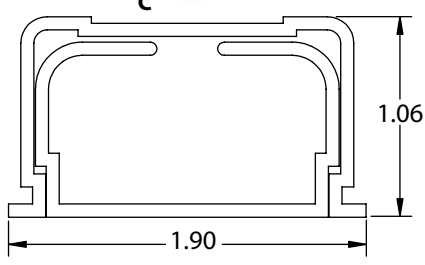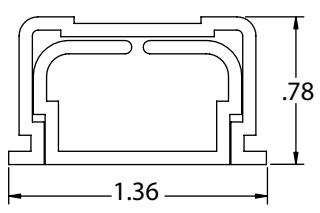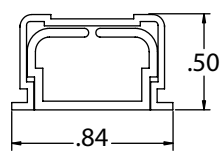
MOLDING

Figure	Stock ID	Part#	Description	Dimensions	Weight	UOM
A	99854	MRC75-I-T	Pre-Adhesive Multiclear Surface Raceway	.84" W x .5" H x 6' L	9 Lbs./Ctn	120'/Ctn
A	99855	MRC75-W-T	Pre-Adhesive Multiclear Surface Raceway	.84" W x .5" H x 6' L	9 Lbs./Ctn	120'/Ctn
A	TBD	MRC75-OW-T	Pre-Adhesive Multiclear Surface Raceway	.84" W x .5" H x 6' L	9 Lbs./Ctn	120'/Ctn
B	99860	MRC12-I-T	Pre-Adhesive Multiclear Surface Raceway	1.36" W x .78" H x 6' L	23 Lbs./Ctn	120'/Ctn
B	99861	MRC12-W-T	Pre-Adhesive Multiclear Surface Raceway	1.36" W x .78" H x 6' L	23 Lbs./Ctn	120'/Ctn
B	TBD	MRC12-OW-T	Pre-Adhesive Multiclear Surface Raceway	1.36" W x .78" H x 6' L	23 Lbs./Ctn	120'/Ctn
C	99866	MRC17-I-T	Pre-Adhesive Multiclear Surface Raceway	1.90" W x 1.06" H x 6' L	33 Lbs./Ctn	120'/Ctn
C	99867	MRC17-W-T	Pre-Adhesive Multiclear Surface Raceway	1.90" W x 1.06" H x 6' L	33 Lbs./Ctn	120'/Ctn
C	99869	MRC17-OW-T	Pre-Adhesive Multiclear Surface Raceway	1.90" W x 1.06" H x 6' L	33 Lbs./Ctn	120'/Ctn

Packed 120 ft. per carton
Standard colors are Ivory, White and Office White
Replace XX with I, W or OW for color designation
Custom colors available on molding for a minimum run of 3,000 FT (500 pieces for fittings)
Call Customer Service for more information

Fittings for MRM & MRC Series Molding
Category 5, 5E and 6 1" Bend Radius Compliant

T-FITTING

Not Sold Separately

Stock ID	Part #	Size	Color	UOM
99615K	MRF75-TRT-I	.75	Ivory	10/Pack
99616K	MRF75-TRT-W	.75	White	10/Pack
99614K	MRF75-TRT-OW	.75	Office White	10/Pack
99620K	MRF12-TRT-I	1.25	Ivory	10/Pack
99621K	MRF12-TRT-W	1.25	White	10/Pack
99623K	MRF12-TRT-OW	1.25	Office White	10/Pack
99625K	MRF17-TRT-I	1.75	Ivory	10/Pack
99626K	MRF17-TRT-W	1.75	White	10/Pack
99624K	MRF17-TRT-OW	1.75	Office White	10/Pack

INSIDE CORNER

Not Sold Separately

Stock ID	Part #	Size	Color	UOM
99459K	MRF75-ICR-I	.75	Ivory	10/Pack
99454K	MRF75-ICR-W	.75	White	10/Pack
99455K	MRF75-ICR-OW	.75	Office White	10/Pack
99463K	MRF12-ICR-I	1.25	Ivory	10/Pack
99465K	MRF12-ICR-W	1.25	White	10/Pack
99460K	MRF12-ICR-OW	1.25	Office White	10/Pack
99469K	MRF17-ICR-I	1.75	Ivory	10/Pack
99470K	MRF17-ICR-W	1.75	White	10/Pack
99475K	MRF17-ICR-OW	1.75	Office White	10/Pack

OUTSIDE CORNER

Not Sold Separately

Stock ID	Part #	Size	Color	UOM
99441K	MRF75-OCR-I Flat	.75	Ivory	10/Pack
99442K	MRF75-OCR-W Flat	.75	White	10/Pack
99443K	MRF75-OCR-OW Flat	.75	Office White	10/Pack

Not Sold Separately

Stock ID	Part #	Size	Color	UOM
99446K	MRF12-OCR-I Flat	1.25	Ivory	10/Pack
99447K	MRF12-OCR-W Flat	1.25	White	10/Pack
99445K	MRF12-OCR-OW Flat	1.25	Office White	10/Pack
99451K	MRF17-OCR-I Flat	1.75	Ivory	10/Pack
99452K	MRF17-OCR-W Flat	1.75	White	10/Pack
99450K	MRF17-OCR-OW Flat	1.75	Office White	10/Pack

Fittings for MRM & MRC Series Molding
Category 5, 5E and 6 1" Bend Radius Compliant

END CAP

Stock ID	Part #	Size	Color	UOM
99645K	MRF75-EC-I	.75	Ivory	10/Pack
99646K	MRF75-EC-W	.75	White	10/Pack
99647K	MRF75-EC-OW	.75	Office White	10/Pack
99651K	MRF12-EC-I	1.25	Ivory	10/Pack
99652K	MRF12-EC-W	1.25	White	10/Pack
99653K	MRF12-EC-OW	1.25	Office White	10/Pack
99656K	MRF17-EC-I	1.75	Ivory	10/Pack
99657K	MRF17-EC-W	1.75	White	10/Pack
99658K	MRF17-EC-OW	1.75	Office White	10/Pack

SEAM COVER

Stock ID	Part #	Size	Color	UOM
99411K	MRF75-JC-I	.75	Ivory	10/Pack
99412K	MRF75-JC-W	.75	White	10/Pack
99413K	MRF75-JC-OW	.75	Office White	10/Pack
99416K	MRF12-JC-I	1.25	Ivory	10/Pack
99417K	MRF12-JC-W	1.25	White	10/Pack
99418K	MRF12-JC-OW	1.25	Office White	10/Pack
99421K	MRF17-JC-I	1.75	Ivory	10/Pack
99422K	MRF17-JC-W	1.75	White	10/Pack
99423K	MRF17-JC-OW	1.75	Office White	10/Pack

FLAT ELBOW

Not Sold Separately

Stock ID	Part #	Size	Color	UOM
99486K	MRF75-FER-I	.75	Ivory	10/Pack
99487K	MRF75-FER-W	.75	White	10/Pack
99485K	MRF75-FER-OW	.75	Office White	10/Pack
99491K	MRF12-FER-I	1.25	Ivory	10/Pack
99492K	MRF12-FER-W	1.25	White	10/Pack
99490K	MRF12-FER-OW	1.25	Office White	10/Pack
99496K	MRF17-FER-I	1.75	Ivory	10/Pack
99497K	MRF17-FER-W	1.75	White	10/Pack
99495K	MRF17-FER-OW	1.75	Office White	10/Pack

REDUCER FITTING

Stock ID	Part #	Size	Color	UOM
99630K	MRF12-R75-IV	1.25 to .75	Ivory	10/Pack
99631K	MRF12-R75-W	1.25 to .75	White	10/Pack
99632K	MRF12-R75-OW	1.25 to .75	Office White	10/Pack
99635K	MRF17-R75--I	1.75 to .75	Ivory	10/Pack
99636K	MRF17-R75-W	1.75 to .75	White	10/Pack
99637K	MRF17-R75-OW	1.75 to .75	Office White	10/Pack

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Fittings for MRM & MRC Series Molding
Category 5, 5E and 6 1" Bend Radius Compliant

Not Sold Separately

CEILING ENTRY

Stock ID	Part #	Size	Color	UOM
99319K	MRF75-CE-I	.75	Ivory	10/Pack
99321K	MRF75-CE-W	.75	White	10/Pack
99322K	MRF75-CE-OW	.75	Office White	10/Pack
99320K	MRF12-CE-I	1.25	Ivory	10/Pack
99323K	MRF12-CE-W	1.25	White	10/Pack
99324K	MRF12-CE-OW	1.25	Office White	10/Pack
99330K	MRF17-CE-I	1.75	Ivory	10/Pack
99331K	MRF17-CE-W	1.75	White	10/Pack
99332K	MRF17-CE-OW	1.75	Office White	10/Pack

TRANSITION FITTING

Stock ID	Part #	Size	Color	UOM
649-052-21	MRF12-TF-I	1.25	Ivory	10/Pack
649-052-23	MRF12-TF-W	1.25	White	10/Pack
649-052-22	MRF12-TF-OW	1.25	Office White	10/Pack
649-051-21	MRF17-TF-I	1.75	Ivory	10/Pack
649-051-23	MRF17-TF-W	1.75	White	10/Pack
649-051-22	MRF17-TF-OW	1.75	Office White	10/Pack

SLACK BOX ENTRY FITTING

Stock ID	Part #	Size	Color	UOM
039-305-20	MRF12-SBE-I	1.25	Ivory	10/Pack
039-284-20	MRF12-SBE-W	1.25	White	10/Pack
039-304-20	MRF12-SBE-LW	1.25	Office White	10/Pack
039-307-20	MRF17-SBE-I	1.75	Ivory	10/Pack
039-285-20	MRF17-SBE-W	1.75	White	10/Pack
039-306-20	MRF17-SBE-LW	1.75	Office White	10/Pack

Features & Benefits
- Used To Store Fiber Optic Cable
- Bend Radius Protection Spools
- Covers Have Knockouts For MRM, MRC And Single Fiber Raceway

MRS-3TB   MRS-6TB

Stock ID	Description	Dimensions	Color	UOM
10-9433	MRS-3TB-LW Slack Storage Box w/Knockouts	3.95" x 3.95" x 1.19"	Linen White	Each
10-9434	MRS-3TB-IV Slack Storage Box w/Knockouts	3.95" x 3.95" x 1.19"	Ivory	Each
020-026-10	MRS-6TB-LW Slack Storage Box w/Knockouts	5.00" x 5.00" x 2.00"	Linen White	Each
020-026-11	MRS-6TB-IV Slack Storage Box w/Knockouts	5.00" x 5.00" x 2.00"	Ivory	Each

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Multilink Raceway Cross Reference Chart
Category 5, 5E and 6 1" Bend Radius Compliant

Multilink	Description	Panduit Part#	Wiremold Part#	Tyton Part#	Dek Part#
MRM17	1.75" Raceway 6' L	LD10	2900	TSR3-6A	042-LD00
MRF17-JC	1.75" Seam or Joint Cover	CF10	2906	TSR3-14	042-0015
MRF17-TRT (includes base & cover)	1.75" Tee Fitting	TFC10	2915	TSR3-21-1	042-0021
MRF17-FER (includes base & cover)	1.75" Elbow Fitting	RAFC10	2911	TSR3-25-1	042-0025
MRF17-OCR (includes base & cover)	1.75" Outside Corner	OCFX10	2918	TSR3-29-1	042-0029
MRF17-ICR (includes base & cover)	1.75" Inside Corner	ICFC10	2917	TSR3-33-1	042-0033
MRF17-EC	1.75" End Cap	ECF10	2910B	TSR3-36	042-0036
MRF17-R7	1.75" - 1.25" Reducer	RF10X5	2989A	TSR1-12	042-0036H
MRF17-CE	1.75" Ceiling Drop	DCF10	2986	TSR3-50	042-0050

Multilink	Description	Panduit Part#	Wiremold Part#	Tyton Part#	Dek Part#
MRM12	1.25" Raceway 6' L	LD5	2800	TSR2-6A	N/A
MRF12-JC	1.25" Seam or Joint Cover	CF5	2806	TSR2-14	N/A
MRF12-TRT (includes base & cover)	1.25" Tee Fitting	TFC5	2815	TSR2-21-1	N/A
MRF12-FER (includes base & cover)	1.25" Elbow Fitting	RAFC5	2811	TSR2-25-1	N/A
MRF12-OCR (includes base & cover)	1.25" Outside Corner	OCFX5	2818	TSR2-29-1	N/A
MRF12-ICR (includes base & cover)	1.25" Inside Corner	ICFC5	2817	TSR2-33-1	N/A
MRF12-EC	1.25" End Cap	ECF5	2810B	TSR2-36	N/A
MRF12-R7	1.75" - .75" Reducer	RF10X3	2879A	TSR2-12	N/A
MRF12-CE	1.25" Ceiling Drop	DCF10	2886	TSR3-50	N/A

Multilink	Description	Panduit Part#	Wiremold Part#	Tyton Part#	Dek Part#
MRM75	.75" Raceway 6' L	LD3	2700	TSR1-6A	043-LD00
MRF75-JC	.75" Seam or Joint Cover	CF3	2706	TSR1-14	043-0015
MRF75-TRT (includes base & cover)	.75" Tee Fitting	TFC3	2715	TSR1-21-1	043-0021
MRF75-FER (includes base & cover)	.75" Elbow Fitting	RAFC3	2711	TSR1-25-1	043-0025
MRF75-OCR (includes base & cover)	.75" Outside Corner	OCFX3	2718	TSR1-29-1	043-0029
MRF75-ICR (includes base & cover)	.75" Inside Corner	ICFC3	2717	TSR1-33-1	043-0033
MRF75-EC	.75" End Cap	ECF3	2710B	TSR1-36	043-0036
MRF75-R7	1.25" - 3/4" Reducer	RF5X3	-	TSR3-12	-
MRF75-CE	.75" Ceiling Drop	DCF13	2786	TSR1-50	043-0050

Power Raceway Systems					
MRM400 (includes base and cover)	4" Multichannel 8' L	T70B	5400TB	MCRX-B8	N/A
MRM400-C	Cover for 4" Raceway	T70C	54000C	MCRX-C	N/A
MRM400-D	Divider for 4" Raceway	T70D	N/A	MCRW-SD	N/A
MRF400-DB	Data Box for 4" Raceway	T70DB	CM-EPLA	MCRX-CDB	N/A
MRF400-PB	Power Box for 4" Raceway	T70HB	5450-T	MCRX-EDB	N/A
MRF400-FER	Flat Elbow for 4" Raceway	T70RA	5411FO	MCRX-FE	N/A
MRF400-ICR	Inside Corner 4" Raceway	T70IC	5417FO	MCRX-IE	N/A
MRF400-EC	End Cap for 4" Raceway	T70EC	5410	MCRX-EC	N/A
MRF400-OCR	Outside Corner 4" Raceway	T70OCR	5418FO	MCRX-EE	N/A
MRF400-TBT	Transition Box 4" Raceway	T70T	5415FO	MCRX-TF	N/A
MRF400-WR	Wire Retainer 4" Raceway	T70WR	5400TWC	MCRG-WR	N/A
MRF400-JC	Joint Cover 4" Raceway	T70BC	5406A	MCRX-BS	N/A
Not Needed	Base Splice Cover	T70CC	5406T	MCRX-CS	N/A

Call Customer Service if the style you are interested in is not listed

Specifications subject to change without notice.

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MRM Series Raceway Fill Chart

Wire Type	Size	Diameter	MRM 75 40%	MRM 75 MAX	MRM12 40%	MRM12 MAX	MRM17 40%	MRM17 MAX
Coax	RG6/U	0.27	1	2	4	8	9	16
	RG59/U	0.242	1	2	5	10	12	20
	RG62/U	0.242	1	2	5	10	12	20
	RG58/U	0.193	3	5	9	15	18	30
Twisted Pair	2 pr	0.14	5	10	17	30	35	60
24 AWG	3 pr	0.15	4	8	15	25	31	50
Unshielded	4 pr 5E	0.217	2	4	7	12	14	25
	4 pr 6	0.24	1	2	5	10	12	20
	25 pr	0.41	0	1	2	4	4	7
Fiber Optic	2 strand	0.175	3	6	11	18	23	36
FA Jacket	4 strand	0.185	3	5	10	16	20	32
OFNP	6 strand	0.21	2	4	7	12	15	25
Electrical	14 AWG	0.105		7		10		14
	12AWG	0.122		5		8		11
	10AWG	0.153		3		5		6

40% - Column follows the guidelines of EIA/TIA for cable fill allowing for additions after install
MAX - Marketing recommended maximum fill based on bend radius and internal cabling area
Note - UL material used in MRM series raceway manufacturing
Product not currently UL listed

Architectural Multichannel 4"
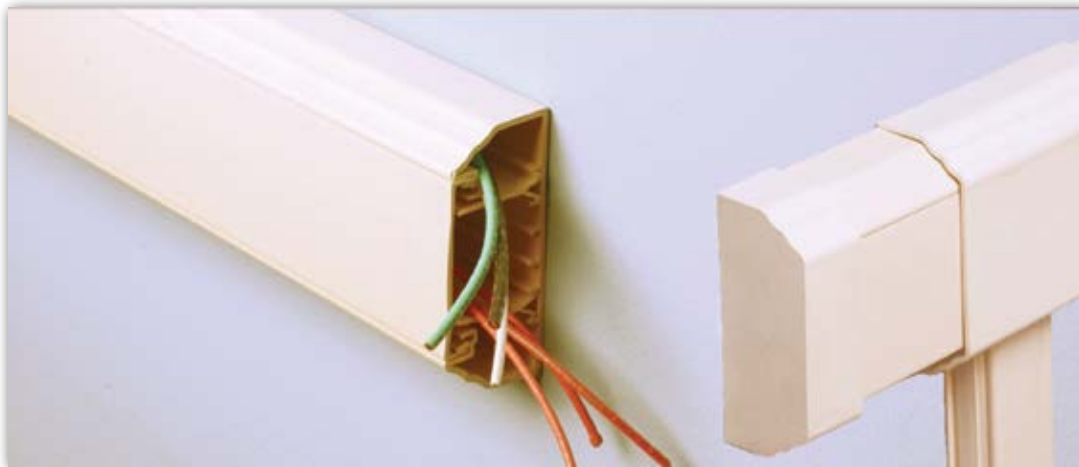
Features
- Large Capacity Raceway
- Route Power and Communications Cabling Simultaneously
- Aesthetically Pleasing Design
- Meets TIA Minimum Requirements for Bend Radius
- UL Listed

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Architectural Multichannel 4"
Power & Data Installation

Features and Benefits
- Large Capacity Raceway
- Route Power and Communications Cabling Simultaneously
- Aesthetically Pleasing Design
- Meets TIA Minimum Requirements for Bend Radius
- Power Rated to 600V (UL)

Data Installation

Power Installation

Architectural Multichannel 4"
6 different modular designs allow for greater flexibility in one raceway system
Category 5, 5E and 6 1" Bend Radius Compliant
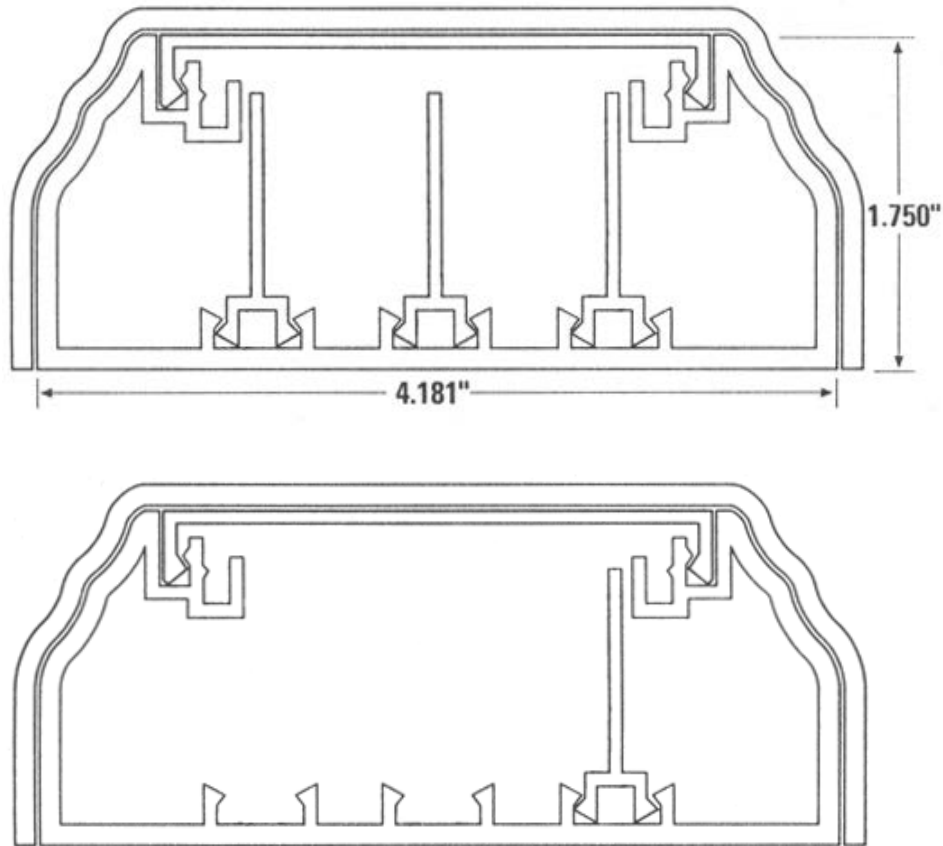
Fully Cusomizable Divider Placement

Architectural Multichannel 4"
Category 5, 5E and 6 1" Bend Radius Compliant

Base & Cover
Sold Together

MOLDING

Stock ID	Part #	Description	Dimensions	UOM
999300	MRM400-IV-T	4" Multichannel UL Listed Power Raceway Base And Cover Included	4.051" W x 1.75" H x 8' L	64'/Ctn
999301	MRM400-WH-T	4" Multichannel UL Listed Power Raceway Base And Cover Included	4.051" W x 1.75" H x 8' L	64'/Ctn
999302	MRM400-OW-T	4" Multichannel UL Listed Power Raceway Base And Cover Included	4.051" W x 1.75" H x 8' L	64'/Ctn

UNIVERSAL DIVIDER

Stock ID	Part #	Description	Dimensions	UOM
999309	MRM400-D-IV	4" Universal Divider For 4" Multichannel Raceway	1.55" H x 8' L	64'/Ctn
999314	MRM400-D-WH	4" Universal Divider For 4" Multichannel Raceway	1.55" H x 8' L	64'/Ctn

WIRE RETAINER

Stock ID	Part #	Description	Dimensions	UOM
999306	MRF400-WR-IV	Wire Retainer For 4" Multichannel Raceway	4"	Each
999307	MRF400-WR-WH	Wire Retainer For 4" Multichannel Raceway	4"	Each

JOINT COVER

Stock ID	Part #	Description	Dimensions	UOM
999310	MRF400-JC-IV	Joint Cover / Seam Cover For 4" Multichannel Raceway	4"	Each
999311	MRF400-JC-WH	Joint Cover / Seam Cover For 4" Multichannel Raceway	4"	Each
999312	MRF400-JC-OW	Joint Cover / Seam Cover For 4" Multichannel Raceway	4"	Each

TRANSITION BOX

Stock ID	Part #	Description	Dimensions	UOM
999320	MRF400-TBT-IV	Transition Box For 4" Multichannel Raceway	4"	Each
999321	MRF400-TBT-WH	Transition Box For 4" Multichannel Raceway	4"	Each
999322	MRF400-TBT-OW	Transition Box For 4" Multichannel Raceway	4"	Each

Architectural Multichannel 4"
Category 5, 5E and 6 1" Bend Radius Compliant

DATA BOX

Stock ID	Part #	Description	Dimensions	UOM
999330	MRF400-DB-IV	Data Box For 4" Multichannel Raceway	4" L x 2" W x .75" D	Each
999331	MRF400-DB-WH	Data Box For 4" Multichannel Raceway	4" L x 2" W x .75" D	Each

POWER BOX

Stock ID	Part #	Description	Dimensions	UOM
999340	MRF400-PB-IV	Power Box For 4" Multichannel Raceway	4" L x 2" W x 1.375" D	Each
999341	MRF400-PB-WH	Power Box For 4" Multichannel Raceway	4" L x 2" W x 1.375" D	Each

FLAT ELBOW

Stock ID	Part #	Description	Dimensions	UOM
999350	MRF400-FER-IV	Flat Elbow For 4" Multichannel Raceway	4"	Each
999351	MRF400-FER-WH	Flat Elbow For 4" Multichannel Raceway	4"	Each
999352	MRF400-FER-OW	Flat Elbow For 4" Multichannel Raceway	4"	Each

OUTSIDE CORNER

Stock ID	Part #	Description	Dimensions	UOM
999360	MRF400-OCR-IV	Outside Corner For 4" Multichannel Raceway	4"	Each
999361	MRF400-OCR-WH	Outside Corner For 4" Multichannel Raceway	4"	Each
999362	MRF400-OCR-OW	Outside Corner For 4" Multichannel Raceway	4"	Each

INSIDE CORNER

Stock ID	Part #	Description	Dimensions	UOM
999370	MRF400-ICR-IV	Inside Corner For 4" Multichannel Raceway	4"	Each
999371	MRF400-ICR-WH	Inside Corner For 4" Multichannel Raceway	4"	Each
999372	MRF400-ICR-OW	Inside Corner For 4" Multichannel Raceway	4"	Each

END CAP

Stock ID	Part #	Description	Dimensions	UOM
999380	MRF400-EC-IV	End Cap For 4" Multichannel Raceway	4"	Each
999381	MRF400-EC-WH	End Cap For 4" Multichannel Raceway	4"	Each
999382	MRF400-EC-OW	End Cap For 4" Multichannel Raceway	4"	Each

Non-Metallic Architectural Flat Wave Hinged Molding
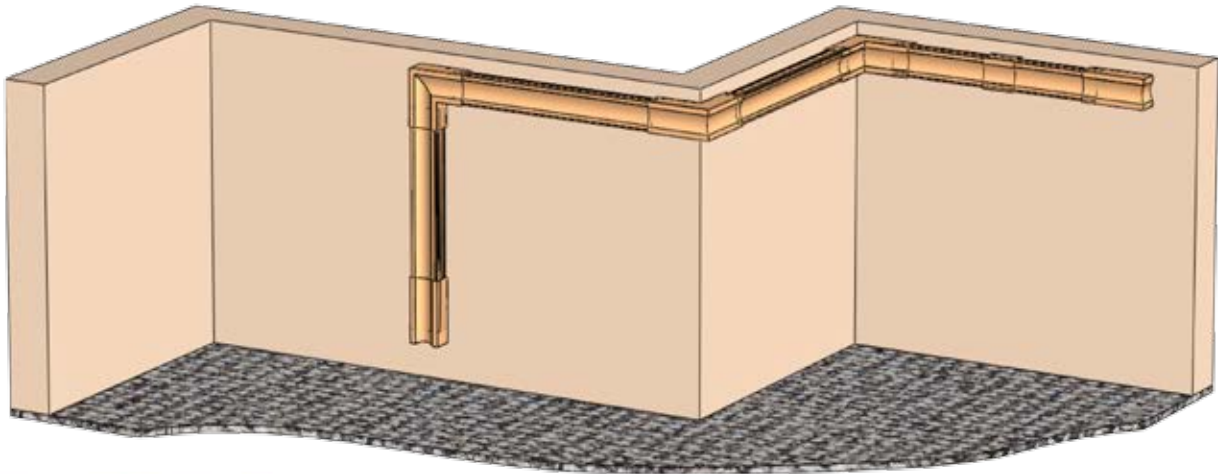
MOLDING

Stock ID	Part #	Description	Dimensions	UOM
21367	84180-HM-2-BE	Flat Wave Hinge Molding	2" x 1.25" x 8'	144' / Ctn
21366	84180-HM-2-WH	Flat Wave Hinge Molding	2" x 1.25" x 8'	144' / Ctn

INSIDE ELBOW

Stock ID	Part #	Description	Dimensions	UOM
26307	84186-IEHM-BE	Inside Elbow Fitting	2"	Each
26306	84186-IEHM-WH	Inside Elbow Fitting	2"	Each

OUTSIDE ELBOW

Stock ID	Part #	Description	Dimensions	UOM
26317	84187-OEHM-BE	Outside Elbow Fitting	2"	Each
26316	84187-OEHM-WH	Outside Elbow Fitting	2"	Each

END CAP

Stock ID	Part #	Description	Dimensions	UOM
26337	84183-ECH-BE	End Cap Fitting	2"	Each
26336	84183-ECH-WH	End Cap Fitting	2"	Each

FLAT ELBOW

Stock ID	Part #	Description	Dimensions	UOM
26327	84184-FEHM-BE	Flat Elbow Fitting	2"	Each
26326	84184-FEHM-WH	Flat Elbow Fitting	2"	Each

Standard Colors are Beige and White

Ultra High Security Locking Molding 2-Piece Lock Molding
3" bend radius meets coax drop cable return path bend radius standards

MOLDING

Stock ID	Part #	Description	Dimensions	UOM
27032	MRL10-EX	Lock Molding Top/Bottom Exterior Grade	.75" W x .8125" H x 8' L	360'/Ctn
27030	MRL20-EX	Lock Molding Top/Bottom Exterior Grade	2" W x .36" H x 8' L	160'/Ctn

INSIDE CORNER

Stock ID	Part #	Description	Dimensions	UOM
27097	MRF34-ICR-EX	Inside Corner Fitting	.75"	Each
27082	MRF25-IC-EX	Inside Corner Fitting	2"	Each

OUTSIDE CORNER

Stock ID	Part #	Description	Dimensions	UOM
27095K	MRF34-OCR-EX	Outside Corner Fitting (Cover and Base Included)	.75"	Each
27084	MRF25-OC-EX	Outside Corner Fitting	2"	Each
27085	MRF25-OR-EX	Outside Radius Fitting	2"	Each

FLAT ELBOW

Stock ID	Part #	Description	Dimensions	UOM
27099K	MRF34-FER-EX	Flat Elbow Fitting (Cover and Base Included)	.75"	Each
27080K	MRF25-FER-EX	Flat Elbow Fitting (Cover and Base Included)	2"	Each

SEAM COVER

Stock ID	Part #	Description	Dimensions	UOM
27091	MRF34-SC-EX	Seam Cover Fitting	.75"	Each
27087	MRF25-SC-EX	Seam Cover Fitting	2"	Each

END CAP

Stock ID	Part #	Description	Dimensions	UOM
27103	MRF34-EC-EX	End Cap Fitting	.75"	Each
27031	MRF25-EC-EX	End Cap Fitting	2"	Each

WALL ENTRY

Stock ID	Part #	Description	Dimensions	UOM
27092	MRF34-WE-EX	Wall Entry	.75"	Each
27093	MRF25-WE-EX	Wall Entry	2"	Each

T-FITTING

Stock ID	Part #	Description	Dimensions	UOM
27010	MRF34-T-EX	T-Fitting	.75"	Each
27011	MRF34-TR-EX	T-Radius Fitting	.75"	Each
27088	MRF25-T-EX	T-Fitting	2"	Each

REDUCER

Stock ID	Part #	Description	Dimensions	UOM
27086	MRF25-R3-EX	Reducer Fitting	2" to .75"	Each

Standard Color is Ivory

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Flat Box Molding
Flat Box is a two piece molding with a snap-on cover that is easy to re-enter
The special V-shaped grooves in the cover allow for a tighter, more secure fit to the base

MOLDING

Stock ID	Part #	Description	Dimensions	Color	UOM
23217	84140-FBMH-BE	Flat Box Molding	2" W x .75" H x 8' L	Beige	192'/Ctn
23216	84140-FBMH-WH	Flat Box Molding	2" W x .75" H x 8' L	White	192'/Ctn
23237	84180-FBMH-BE	Flat Box Molding	2" W x .1.25" H x 8' L	Beige	144'/Ctn
23235	84180-FBMH-WH	Flat Box Molding	2" W x .1.25" H x 8' L	White	144'/Ctn
23267	84200-FBMH-BE	Flat Box Molding	2" W x 2" H x 8' L	Beige	64' / Ctn
23266	84200-FBMH-WH	Flat Box Molding	2" W x 2" H x 8' L	White	64' / Ctn
25974	84242-FBMH-BE	Flat Box Molding	2.125" W x 2.25" H x 8' L	Beige	64' / Ctn
25973	84242-FBMH-WH	Flat Box Molding	2.125" W x 2.25" H x 8' L	White	64' / Ctn

FLAT ELBOW

Stock ID	Part #	Description	Dimensions		UOM
28217	84144-FE/FBM-BE	Flat Elbow	2" x .75"	Beige	Each
28220	84144-FE/FBM-WH	Flat Elbow	2" x .75"	White	Each
28249	84184-FE/FBM-BE	Flat Elbow	2" x 1.25"	Beige	Each
28245	84184-FE/FBM-WH	Flat Elbow	2" x 1.25"	White	Each
28277	84204-FE/FBM-BE	Flat Elbow	2" x 2"	Beige	Each
28279	84204-FE/FBM-WH	Flat Elbow	2" x 2"	White	Each

INSIDE ELBOW

Stock ID	Part #	Description	Dimensions		UOM
28017	84146-IE/FBM-BE	Inside Elbow	2" x .75"	Beige	Each
28023	84146-IE/FBM-WH	Inside Elbow	2" x .75"	White	Each
28037	84186-IE/FBM-BE	Inside Elbow	2" x 1.25"	Beige	Each
28036	84186-IE/FBM-WH	Inside Elbow	2" x 1.25"	White	Each
28067	84206-IE/FBM-BE	Inside Elbow	2" x 2"	Beige	Each
28066	84206-IE/FBM-WH	Inside Elbow	2" x 2"	White	Each
039-408-10	84242-FBMH-IC-BE	Inside Elbow	2.125" x 2.25"	Beige	Each
10-6072	84242-FBMH-IC-WH	Inside Elbow	2.125" x 2.25"	White	Each

OUTSIDE ELBOW

Stock ID	Part #	Description	Dimensions		UOM
28117	84147-OE/FBM-BE	Outside Elbow	2" x .75"	Beige	Each
28121	84147-OE/FBM-WH	Outside Elbow	2" x .75"	White	Each
28137	84187-OE/FBM-BE	Outside Elbow	2" x 1.25"	Beige	Each
28136	84187-OE/FBM-WH	Outside Elbow	2" x 1.25"	White	Each
28167	84207-OE/FBM-BE	Outside Elbow	2" x 2"	Beige	Each
28166	84207-OE/FBM-WH	Outside Elbow	2" x 2"	White	Each
039-409-10	84242-FBMH-OC-BE	Outside Elbow	2.125" x 2.25"	Beige	Each
10-6073	84242-FBMH-OC-WH	Outside Elbow	2.125" x 2.25"	White	Each

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Self Adhesive Single Fiber Molding
3mm Fiber Only
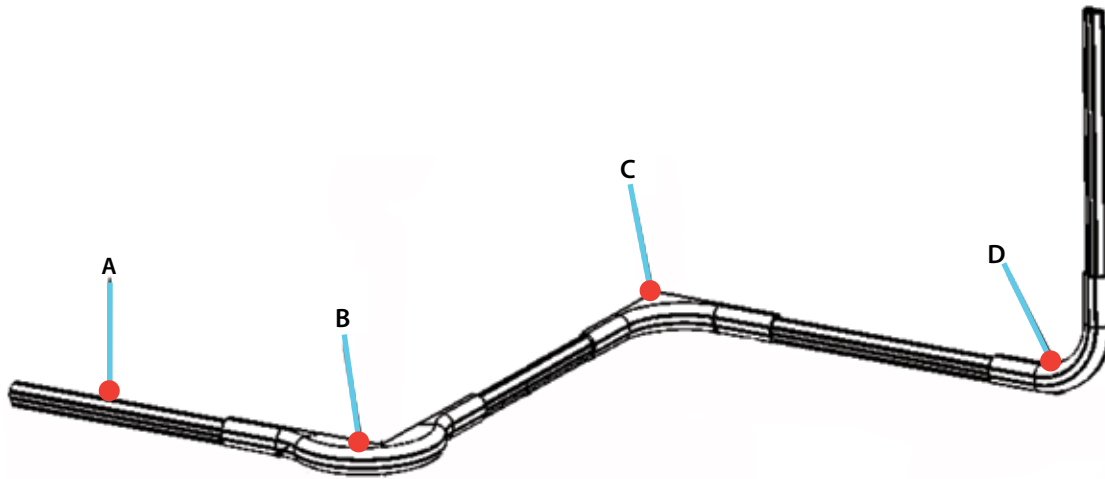
MOLDING

	Stock ID	Part #	Description	Color	UOM
A	10-9405	FDM3AB-IV	Single Fiber Drop Molding	Ivory	600/Feet
A	10-9404	FDM3AB-LW	Single Fiber Drop Molding	Linen White	600/Feet

OUTSIDE CORNER

	Stock ID	Part #	Description	Color	UOM
B	10-9409	FDF3-OCR-IV	OC & Radius for Single Fiber Drop Molding	Ivory	10/Pack
B	10-9408	FDF3-OCR-LW	OC & Radius for Single Fiber Drop Molding	Linen White	10/Pack

Not Sold Separately

INSIDE CORNER

	Stock ID	Part #	Description	Color	UOM
C	10-9407	FDF3-ICR-IV	IC & Molded Radius Single Fiber Drop Molding	Ivory	10/Pack
C	10-9406	FDF3-ICR-LW	IC & Molded Radius Single Fiber Drop Molding	Linen White	10/Pack

FLAT ELBOW

	Stock ID	Part #	Description	Color	UOM
D	10-9410	FDF3-FER-IV	Flat Elbow w/ Molded Radius Single Fiber Drop Molding	Ivory	10/Pack
D	10-9411	FDF3-FER-LW	Flat Elbow w/ Molded Radius Single Fiber Drop Molding	Linen White	10/Pack

Architectural Plastic Wave Molding For Interior Use Only
6 different modular designs allow for greater flexibility in one raceway system
Category 5, 5E and 6 1" Bend Radius Compliant

MOLDING

Stock ID	Part #	Description	Color	Dimensions	UOM
21096	84125-W	Wave Molding	White	2.5" W x 8' L	240'/Ctn
21097	84125-W	Wave Molding	Beige	2.5" W x 8' L	240'/Ctn
21196	84125-WH	Hinged Wave Molding	White	2.5" W x 8' L	160'/Ctn
21197	84125-WH	Hinged Wave Molding	Beige	2.5" W x 8' L	160'/Ctn
21299	84125-WH-AB	Hinged Wave Molding w/ Adhesive Backing	Beige	2.5" W x 8' L	160'/Ctn
21290	84130-W	Wave Molding	White	2.75" W x 8' L	160'/Ctn
21291	84130-W	Wave Molding	Beige	2.75" W x 8' L	160'/Ctn
039-131-10	84170-W	Wave Molding	White	3.5" W x 8' L	64'/Ctn
21320	84170-W	Wave Molding	Beige	3.5" W x 8' L	64'/Ctn
23208	84140-W	Wave Molding	White	4" W x 8' L	96'/Ctn
23209	84140-W	Wave Molding	Beige	4" W x 8' L	96'/Ctn

Lance Option Available

INSIDE ELBOW

Stock ID	Part #	Description	Color	Dimensions	UOM
26006	84125-IEW	Inside Elbow	White	2.5"	Each
26007	84125-IEW	Inside Elbow	Beige	2.5"	Each
039-132-10	84175-IEW	Inside Elbow	White	3.5"	Each
21325	84175-IEW	Inside Elbow	Beige	3.5"	Each
21295	84130-IEWL	Inside Elbow	White	2.75"	Each
21294	84130-IEWL	Inside Elbow	Beige	2.75"	Each

OUTSIDE ELBOW

Stock ID	Part #	Description	Color	Dimensions	UOM
26016	84125-OEW	Outside Elbow	White	2.5"	Each
26017	84125-OEW	Outside Elbow	Beige	2.5"	Each
039-133-10	84175-OEW	Outside Elbow	White	3.5"	Each
21330	84175-OEW	Outside Elbow	Beige	3.5"	Each
21293	84130-OEWL	Outside Elbow	White	2.75"	Each
21292	84130-OEWL	Outside Elbow	Beige	2.75"	Each

Architectural Plastic Wave Molding For Interior Use Only
6 different modular designs allow for greater flexibility in one raceway system
Category 5, 5E and 6 1" Bend Radius Compliant

LEFT END CAP

Stock ID	Part #	Description	Color	Dimensions	UOM
039-477-10	84125-CW	Left End Cap	White	2.5"	Each
039-478-10	84125-CW	Left End Cap	Beige	2.5"	Each
039-461-10	84175-CW	Left End Cap	White	3.5"	Each
039-469-10	84175-CW	Left End Cap	Beige	3.5"	Each

RIGHT END CAP

Stock ID	Part #	Description	Color	Dimensions	UOM
26036	84125-CW	Right End Cap	White	2.5"	Each
26037	84125-CW	Right End Cap	Beige	2.5"	Each
039-134-10	84175-CW	Right End Cap	White	3.5"	Each
039-196-10	84175-CW	Right End Cap	Beige	3.5"	Each

T-FITTING

Stock ID	Part #	Description	Color	Dimensions	UOM
99687K	MCF27-T-W	T-Fitting	White	2.5"	10 / Pack
99686K	MCF27-T-BE	T-Fitting	Beige	2.5"	10 / Pack

Custom colors available on molding for a minimum run of 3,000 FT (500 pieces for fittings)
Call Customer Service for more information

Cove Molding
Category 5, 5E and 6 1" Bend Radius Compliant

MOLDING

Stock ID	Part #	Description	Color	Dimensions	UOM
22678	84108-VM	Cove Molding	White	2.0625" x 8'	320'/Ctn
22677	84108-VM	Cove Molding	Beige	2.0625" x 8'	320'/Ctn
22696	84125-VM	Cove Molding	White	2.75" x 8'	240'/ Ctn
22697	84125-VM	Cove Molding	Beige	2.75" x 8'	240'/ Ctn
039-541-10	84125-VM	Cove Molding	Linen White	2.75" x 8'	240'/ Ctn

Lance Option Available

INSIDE ELBOW

Stock ID	Part #	Description	Color	Dimensions	UOM
28079	84106-IEVL	Inside Elbow	White	2.0625"	Each
28077	84106-IEVL	Inside Elbow	Beige	2.0625"	Each
28088	84125-IEVL	Inside Elbow	White	2.75"	Each
28087	84125-IEVL	Inside Elbow	Beige	2.75"	Each
039-542-10	84125-IEVL	Inside Elbow	Linen White	2.75"	Each

OUTSIDE ELBOW

Stock ID	Part #	Description	Color	Dimensions	UOM
28179	84107-OEVL	Outside Elbow	White	2.0625"	Each
28177	84107-OEVL	Outside Elbow	Beige	2.0625"	Each
28189	84125-OEVL	Outside Elbow	White	2.75"	Each
28187	84125-OEVL	Outside Elbow	Beige	2.75"	Each
039-543-10	84125-OEVL	Outside Elbow	Linen White	2.75"	Each

END CAP

Stock ID	Part #	Description	Color	Dimensions	UOM
28389	84108-CV	End Cap Left	White	2.0625" x 8"	Each
28388	84108-CV	End Cap Left	Beige	2.0625" x 8"	Each
039-463-10	84108-CV	End Cap Right	White	2.0625" x 8"	Each
039-462-10	84108-CV	End Cap Right	Beige	2.0625" x 8"	Each
28398	84125-CV	End Cap Left	White	2.75 " x 8"	Each
28397	84125-CV	End Cap Left	Beige	2.75 " x 8"	Each
039-544-10	84125-CV	End Cap Left	Linen White	2.75 " x 8"	Each
039-473-10	84125-CV	End Cap Right	White	2.75 " x 8"	Each
039-472-10	84125-CV	End Cap Right	Beige	2.75 " x 8"	Each
039-545-10	84125-CV	End Cap Right	Linen White	2.75 " x 8"	Each

2 PIECE FINGER DROP SPLICE

Stock ID	Part #	Description	Color	Dimensions	UOM
28295	84020-FDS-WH	2 Piece Finger Drop Splice	White	.5" x 8"	Each
28298	84020-FDS-BE	2 Piece Finger Drop Splice	Beige	.5" x 8"	Each

Custom colors available on molding for a minimum run of 3,000 FT (500 pieces for fittings)
Call Customer Service for more information

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Overlay Molding

Overlay Molding™ was designed to be installed over an existing provider's molding system. It is a two piece design, which allows for access to the first molding system without disconnecting any cables. The cover of the overlay simply snaps onto the base which is mounted below the existing molding and "covers up" the existing molding and the new base. The base of the Overlay Molding™ has a smooth co-extruded flexible cable keeper which won't damage any cables during installation or removal. The corner pieces include bend radius protectors to maintain the minimum bend radius of 1".

Patent In Process

BASE DETAILS

MOLDING

	Stock ID	Part #	Description	Color	UOM
A	10-9387	MRW-15-IV	Overlay Molding/Open Crown 1.5" x .75" for MDU	Ivory	80'/Ctn
A	10-9386	MRW-15-LW	Overlay Molding/Open Crown 1.5" x .75" for MDU	Linen White	80'/Ctn

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Overlay Molding™

LEFT END CAP

	Stock ID	Part #	Description	Color	UOM
B	10-9379	MRW15-EC-L-IV	Left End Cap for Overlay Molding	Ivory	10/Pack
B	10-9378	MRW15-EC-L-LW	Left End Cap for Overlay Molding	Linen White	10/Pack

SEAM COVER

	Stock ID	Part #	Description	Color	UOM
C	10-9376	MRW15-SC-IV	Seam Cover for Overlay Molding	Ivory	10/Pack
C	10-9375	MRW15-SC-LW	Seam Cover for Overlay Molding	Linen White	10/Pack

COVER DROP "T"

	Stock ID	Part #	Description	Color	UOM
D	10-9383	MRW15-DTRB-IV	Cover Drop "T" and Radius for Overlay Molding	Ivory	10/Pack
D	10-9382	MRW15-DTRB-LW	Cover Drop "T" and Radius for Overlay Molding	Linen White	10/Pack

Radius Not Sold Separately

OUTSIDE CORNER

	Stock ID	Part #	Description	Color	UOM
E	10-9391	MRW15-OWCR-IV	Outside Corner & Radius for Overlay Molding	Ivory	10/Pack
E	10-9390	MRW15-OWCR-LW	Outside Corner & Radius for Overlay Molding	Linen White	10/Pack

Radius Not Sold Separately

INSIDE CORNER

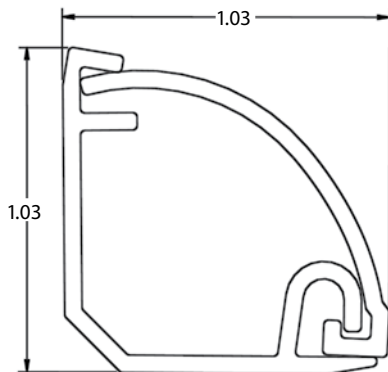|	Stock ID	Part #	Description	Color	UOM
F	10-9389	MRW15-IER-IV	Inside Corner & Radius for Overlay Molding	Ivory	10/Pack
F	10-9388	MRW15-IER-LW	Inside Corner & Radius for Overlay Molding	Linen White	10/Pack

Radius Not Sold Separately

RIGHT END CAP

	Stock ID	Part #	Description	Color	UOM
G	10-9380	MRW15-EC-R-IV	Right End Cap for Overlay Molding	Ivory	10/Pack
G	10-9381	MRW15-EC-R-LW	Right End Cap for Overlay Molding	Linen White	10/Pack

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Quarter Round Molding

B   D   A   F   E   C
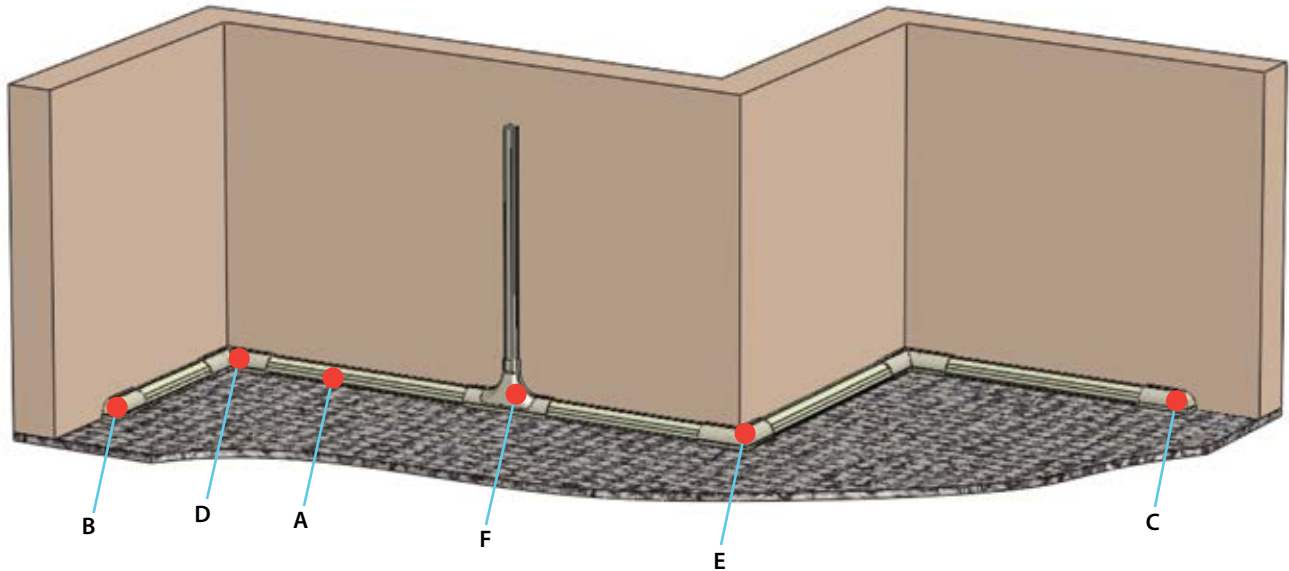
Multilink's ¼-Round raceway system was designed to house cabling where the wall meets the floor, and can also be where the wall meets the ceiling. The cover is hinged, and the accessory pieces snap over the outside of the raceway for ease of installation. The molding transitions to Multilink's standard MRM-75 latch duct and square moldings by use of the "T" fitting.

1.03

1.03

MOLDING

	Stock ID	Part #	Description	Color	UOM
A	039-187-21	MRQH14-IV	1/4 Round Hinged	Ivory	320'/ctn
A	039-187-22	MRQH14-W	1/4 Round Hinged	White	320'/ctn
A	039-187-20	MRQH14-LW	1/4 Round Hinged	Linen White	320'/ctn

Quarter Round Molding

LEFT ENDCAP

	Stock ID	Part #	Description	Color	UOM
B	039-219-21	MRQH14-LEC-IV	Left End Cap 1/4 Round	Ivory	10/Pack
B	039-219-22	MRQH14-LEC-W	Left End Cap 1/4 Round	White	10/Pack
B	039-219-20	MRQH14-LEC-LW	Left End Cap 1/4 Round	Linen White	10/Pack

RIGHT ENDCAP

	Stock ID	Part #	Description	Color	UOM
C	039-218-21	MRQH14-REC-IV	Right End Cap 1/4 Round	Ivory	10/Pack
C	039-218-22	MRQH14-REC-W	Right End Cap 1/4 Round	White	10/Pack
C	039-218-20	MRQH14-REC-LW	Right End Cap 1/4 Round	Linen White	10/Pack

INSIDE CORNER

	Stock ID	Part #	Description	Color	UOM
D	039-215-21	MRQH14-IE-IV	Inside Elbow 1/4 Round	Ivory	10/Pack
D	039-215-22	MRQH14-IE-W	Inside Elbow 1/4 Round	White	10/Pack
D	039-215-20	MRQH14-IE-LW	Inside Elbow 1/4 Round	Linen White	10/Pack

OUTSIDE CORNER

	Stock ID	Part #	Description	Color	UOM
E	039-216-21	MRQH14-OE-IV	Outside Elbow 1/4 Round	Ivory	10/Pack
E	039-216-22	MRQH14-OE-W	Outside Elbow 1/4 Round	White	10/Pack
E	039-216-20	MRQH14-OE-LW	Outside Elbow 1/4 Round	Linen White	10/Pack

T-FITTING

	Stock ID	Part #	Description	Color	UOM
F	039-217-21	MRQH14-T-IV	Drop T 1/4 Round	Ivory	10/Pack
F	039-217-22	MRQH14-T-W	Drop T 1/4 Round	White	10/Pack
F	039-217-20	MRQH14-T-LW	Drop T 1/4 Round	Linen White	10/Pack

Not Shown

SEAM COVER

Stock ID	Part #	Description	Color	UOM
039-214-21	MRQH14-SC-IV	Seam Cover 1/4 Round	Ivory	10/Pack
039-214-22	MRQH14-SC-W	Seam Cover 1/4 Round	White	10/Pack
039-214-20	MRQH14-SC-LW	Seam Cover 1/4 Round	Linen White	10/Pack
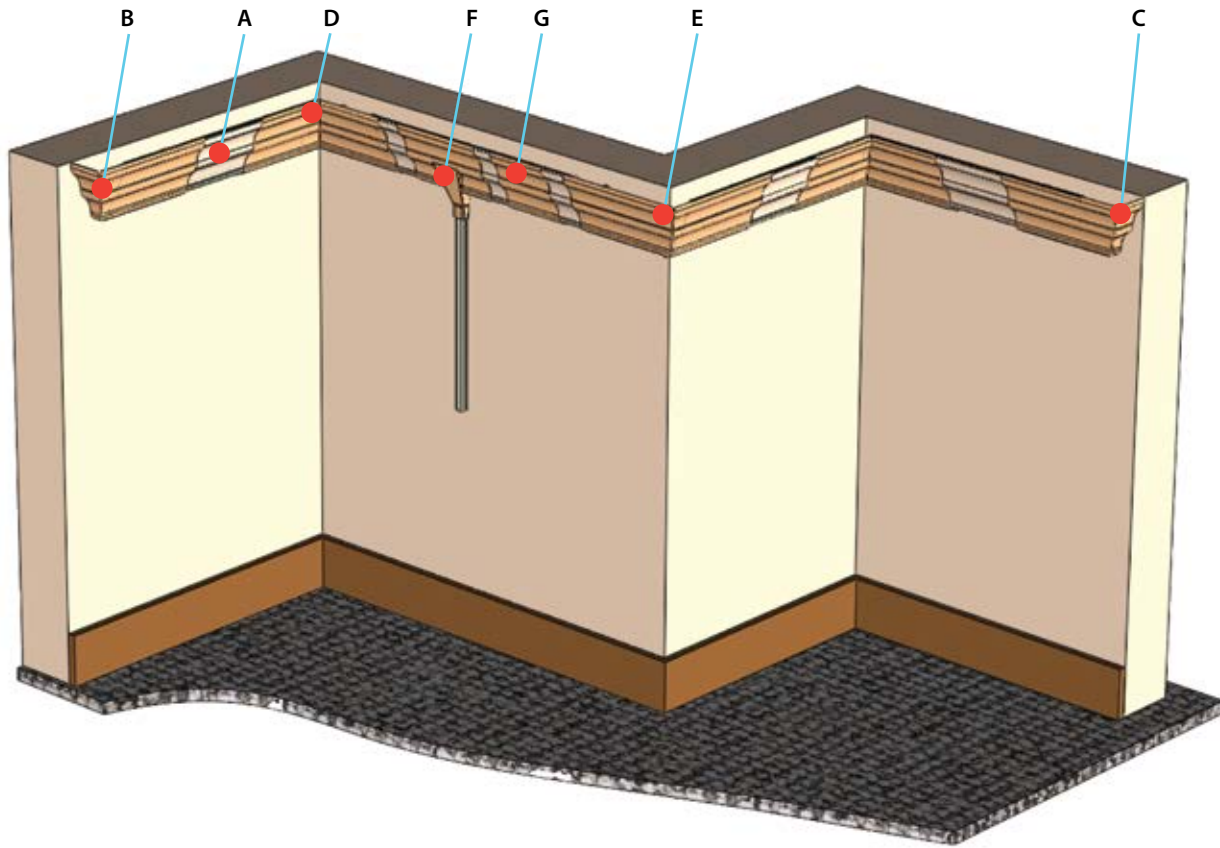
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Hinged Overlay Molding

Overlay Molding™ was designed to be installed over an existing provider's molding system. It is a two piece design, which allows for access to the first molding system without disconnecting any cables. The cover of the overlay simply snaps onto the base which is mounted below the existing molding and "covers up" the existing molding and the new base. The base of the Overlay Molding™ has a smooth co-extruded flexible cable keeper which won't damage any cables during installation or removal. The corner pieces include bend radius protectors to maintain the minimum bend radius of 1". Cover is hinged for ease of acess and mounting.

OPEN
CONFIGURATION

2.85"

4.86"

CLOSED
CONFIGURATION
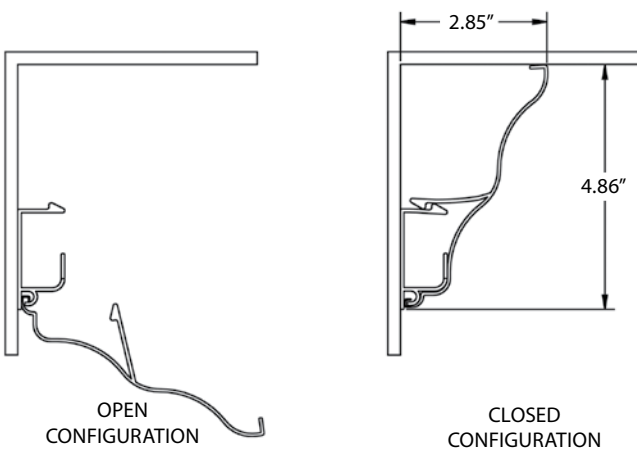
MOLDING

	Stock ID	Part #	Description	Color	UOM
A	649-065-11	MRWH15-IV	Hinged Cover Molding	Ivory	80'/ctn
A	649-065-12	MRWH15-W	Hinged Cover Molding	White	80'/ctn
A	649-065-10	MRWH15-LW	Hinged Cover Molding	Linen White	80'/ctn

Hinged Overlay Molding

Left End Cap

	Stock ID	Part #	Description	Color	UOM
B	649-053-21	MRWH15-EC-L-IV	Left End Cap Hinged Cover Molding	Ivory	10/Pack
B	649-053-22	MRWH15-EC-L-W	Left End Cap Hinged Cover Molding	White	10/Pack
B	649-053-20	MRWH15-EC-L-LW	Left End Cap Hinged Cover Molding	Linen White	10/Pack

Right End Cap

	Stock ID	Part #	Description	Color	UOM
C	649-054-21	MRWH15-EC-R-IV	Right End Cap Hinged Cover Molding	Ivory	10/Pack
C	649-054-22	MRWH15-EC-R-W	Right End Cap Hinged Cover Molding	White	10/Pack
C	649-054-20	MRWH15-EC-R-LW	Right End Cap Hinged Cover Molding	Linen White	10/Pack

Inside Corner w/Bend Radius

	Stock ID	Part #	Description	Color	UOM
D	039-405-11	MRWH15-ICR-IV	Inside Corner & Radius Hinged Cover Molding	Ivory	10/Pack
D	039-405-12	MRWH15-ICR-W	Inside Corner & Radius Hinged Cover Molding	White	10/Pack
D	039-405-10	MRWH15-ICR-LW	Inside Corner & Radius Hinged Cover Molding	Linen White	10/Pack

Outside Corner w/Bend Radius

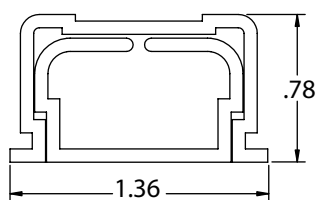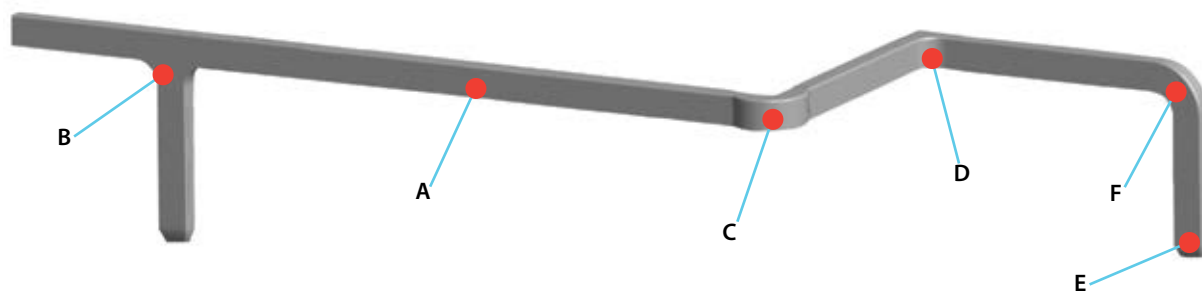|	Stock ID	Part #	Description	Color	UOM
E	039-404-11	MRWH15-OCR-IV	Outside Corner & Radius Hinged Cover Molding	Ivory	10 Pack
E	039-404-12	MRWH15-OCR-W	Outside Corner & Radius Hinged Cover Molding	White	10 Pack
E	039-404-10	MRWH15-OCR-LW	Outside Corner & Radius Hinged Cover Molding	Linen White	10 Pack

T-Fitting w/Bend Radius

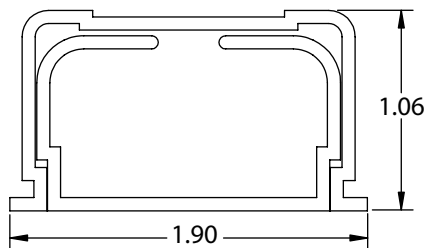|	Stock ID	Part #	Description	Color	UOM
F	039-406-11	MRWH15-TRT-IV	T-Fitting & Radius Hinged Cover Molding	Ivory	10/Pack
F	039-406-12	MRWH15-TRT-W	T-Fitting & Radius Hinged Cover Molding	White	10/Pack
F	039-406-10	MRWH15-TRT-LW	T-Fitting & Radius Hinged Cover Molding	Linen White	10/Pack

Seam Cover

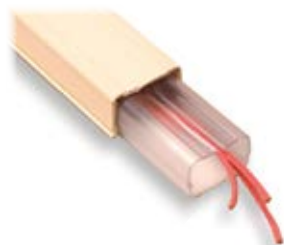|	Stock ID	Part #	Description	Color	UOM
G	649-060-21	MRWH15-SC-IV	Seam Cover Hinged Cover Molding	Ivory	10/Pack
G	649-060-22	MRWH15-SC-W	Seam Cover Hinged Cover Molding	White	10/Pack
G	649-060-20	MRWH15-SC-LW	Seam Cover Hinged Cover Molding	Linen White	10/Pack

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Square Plastic Molding Exterior Grade

.78
1.36
MRC12

1.06
1.90
MRC17

Square Plastic Molding

	Stock ID	Part #	Description	UOM
A	10-9465	MRC12-E-IV	Sq. Plastic Molding w/ Non-Adhesive Backing Exterior Grade	160/Feet
A	10-9423	MRC17-E-IV	Sq. Plastic Molding w/ Non-Adhesive Backing Exterior Grade	160/Feet

T-FITTING

	Stock ID	Part #	Description	UOM
B	10-9731	MRF12-TRT-E-IV	T-Fitting & Radius for Sq. Plastic Exterior Grade	10/Pack
B	10-9734	MRF17-TRT-E-IV	T-Fitting & Radius for Sq. Plastic Exterior Grade	10/Pack

Not Sold Separately

OUTSIDE CORNER

	Stock ID	Part #	Description	UOM
C	10-9417	MRF12-OCR-E-IV	Outside Corner and Radius for Sq. Plastic Exterior Grade	10/Pack
C	10-9427	MRF17-OCR-E-IV	Outside Corner and Radius for Sq. Plastic Exterior Grade	10/Pack

Not Sold Separately

INSIDE CORNER

	Stock ID	Part #	Description	UOM
D	10-9415	MRF12-ICR-E-IV	Inside Corner and Radius for Sq. Plastic Exterior Grade	10/Pack
D	10-9425	MRF17-ICR-E-IV	Inside Corner and Radius for Sq. Plastic Exterior Grade	10/Pack

Not Sold Separately

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Square Plastic Molding Exterior Grade

FLAT ELBOW

	Stock ID	Part #	Description	UOM
E	10-9419	MRF12-FER-E-IV	Flat Elbow and Radius for Sq. Plastic Exterior Grade	10/Pack
E	10-9429	MRF17-FER-E-IV	Flat Elbow and Radius for Sq. Plastic Exterior Grade	10/Pack

Not Sold Separately

END CAP

	Stock ID	Part #	Description	UOM
F	10-9729	MRF12-EC-E-IV	End Cap for Sq. Plastic Exterior Grade	10/Pack
F	10-9730	MRF17-EC-E-IV	End Cap for Sq. Plastic Exterior Grade	10/Pack

SEAM COVER

	Stock ID	Part #	Description	UOM
-	10-9421	MRF12-JC-E-IV	Seam Cover for Sq. Plastic Exterior	10/Pack
-	10-9431	MRF17-JC-E-IV	Seam Cover for Sq. Plastic Exterior	10/Pack

TRANSITION FITTING

	Stock ID	Part #	Description	UOM
-	649-052-20	MRF12-TF-E-IV	Transition Fitting	10/Pack
-	649-051-20	MRF17-TF-E-IV	Transition Fitting	10/Pack

SLACK BOX ENTRY FITTING

	Stock ID	Part #	Description	UOM
-	039-208-20	MRF12-SBE-E-IV	Slack Box Entry Fitting	10/Pack
-	039-209-20	MRF17-SBE-E-IV	Slack Box Entry Fitting	10/Pack

Exterior Grade Material is Only Available in Exterior Ivory

Steel Molding
Tuff Top Coating for Olympic Steel Molding
Category 5, 5E & 6 - 1" Bend Radius Compliant
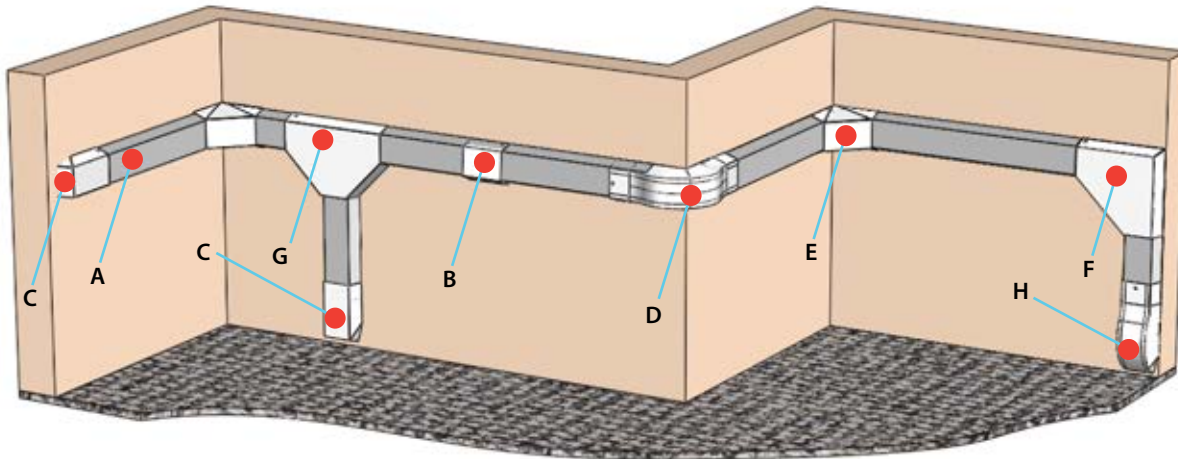
Steel Raceway		Stock ID					
Description	Beige	Brick Red	Brown	White	Std. CRT Size	UOM
A	84030-CMM 3/4"	20117	20119	20118	20115	224 ft	Each
A	84120-CMM 1-1/4"	20137	20139	20138	20136	224 ft	Each
A	84200-CMM 2"	20167	20169	20168	20171	192 ft	Each
A	84300-CMM 3"	20194	20195	20196	20197	96 ft	Each

Full Length Metal Backing				
	Stock ID	Description	Std. CRT Size	UOM
A	25913	84030-MBL / Full length Metal Backing for 3/4" Metal Molding	224 ft	Each
A	25933	84120-MBL / Full Length Metal Backing for 1-1/4" Metal Molding	224 ft	Each
A	25993	84200-MBL / Full Length Metal Backing for 2" Metal Molding	192 ft	Each
A	25934	84300-MBL / Full Length Metal Backing for 3" Metal Molding	96 ft	Each
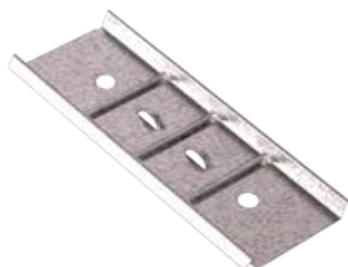
5" Long Mounting Brackets				
	Stock ID	Description	Std. CRT Size	UOM
A	25912	84032-MB / 3/4' Mounting Brackets	10/Pack	Each
A	25932	84122-MB / 1 1/4 Mounting Brackets	10/Pack	Each
A	25962	84205-MB / 2" Mounting Brackets	10/Pack	Each
A	25963	84306-MB / 3" Mounting Brackets	10/Pack	Each

Steel Molding
Tuff Top Coating for Olympic Steel Molding
## Category 5, 5E & 6 - 1" Bend Radius Compliant

Seam Covers	Stock ID					
Description	Beige	Brick Red	Brown	White	Carton Qty.	UOM
B 84033-SCM 3/4"	25917	25919	25918	25920	10/Pack	Each
B 84122-SCM 1-1/4"	25937	25939	25938	25940	10/Pack	Each
B 84222-SCM 2"	25967	25969	25968	25961	10/Pack	Each
B 84302-SCM 3"	25009	25008	25109	25007	10/Pack	Each

End Cap	Stock ID					
Description	Beige	Brick Red	Brown	White	Carton Qty.	UOM
C 84033-ECM 3/4"	25317	25319	25318	27332	10/Pack	Each
C 84123-ECM 1-1/4"	25337	25339	25338	27333	10/Pack	Each
C 84203-ECM 2"	25367	25369	25368	27334	10/Pack	Each
C 84303-ECM 3"	25396	25395	25394	25005	10/Pack	Each

Entry Hoof	Stock ID					
Description	Beige	Brick Red	Brown	White	Carton Qty.	UOM
H 84123-ECM2 1-1/4"	10-9311	10-9312	10-9310	10-9309	10/Pack	Each
H 84203-ECM2 2"	10-9315	10-9316	10-9314	10-9313	10/Pack	Each
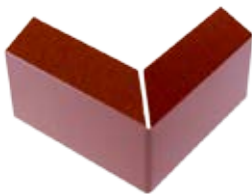
Outside Corner	Stock ID					
Description	Beige	Brick Red	Brown	White	Carton Qty.	UOM
D 84037-OEM 3/4"	25117	25119	25118	27326	10/Pack	Each
D 84127-OEM 1-1/4"	25137	25139	25138	27327	10/Pack	Each
D 84207-OEM 2"	25167	25169	25168	27328	10/Pack	Each
D 84307-OEM 3"	25194	25195	25196	25002	10/Pack	Each

Outside Corners w/ Bend Radius Protection	Stock ID					
Description	Beige	Brick Red	Brown	White	Carton Qty.	UOM
D 84127-OEM2 1-1/4"	10-9303	10-9304	10-9302	10-9301	10/Pack	Each
D 84207-OEM2 2"	10-9307	10-9308	10-9306	10-9305	10/Pack	Each

Steel Molding
Tuff Top Coating for Olympic Steel Molding
Category 5, 5E & 6 - 1" Bend Radius Compliant

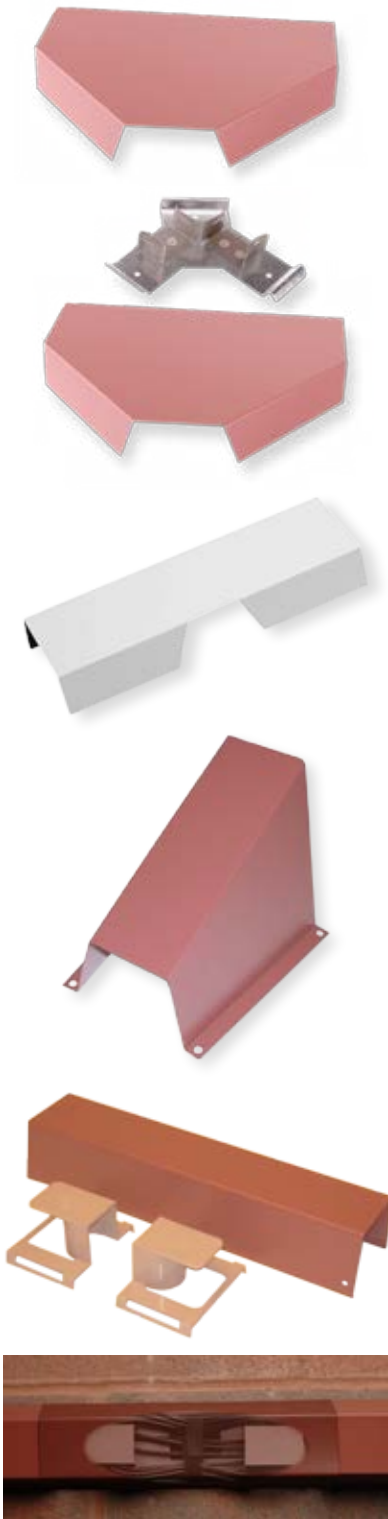| Inside Corner		Stock ID					
Description	Beige	Brick Red	Brown	White	Carton Qty.	UOM	
E	84036-IEM 3/4"	25017	25019	25018	27323	10/Pack	Each
E	84126-IEM 1-1/4"	25037	25039	25038	27324	10/Pack	Each
E	84206-IEM 2"	25067	25069	25068	27325	10/Pack	Each
E	84306-IEM 3"	25096	25095	25094	25001	10/Pack	Each

Inside Corners w/ Bend Radius Protection		Stock ID					
Description	Beige	Brick Red	Brown	White	Carton Qty	UOM	
E	84126-IEM2 1-1/4"	10-9295	10-9296	10-9294	10-9293	10/Pack	Each
E	84206-IEM2 2"	10-9299	10-9300	10-9298	10-9297	10/Pack	Each
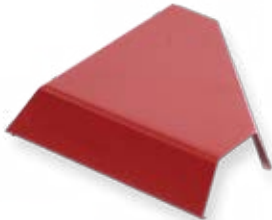
Right Angles		Stock ID					
Description	Beige	Brick Red	Brown	White	Carton Qty.	UOM	
F	84034-FEMB 3/4"	25217	25219	25218	27329	10/Pack	Each
F	84124-FEMB 1-1/4"	25237	25239	25238	27330	10/Pack	Each
F	84204-FEMB 2"	25267	25269	25268	27331	10/Pack	Each
F	84304-FEMB 3"	25294	25295	25296	25003	10/Pack	Each

Right Angles w/ Bend Radius Protection		Stock ID					
Description	Beige	Brick Red	Brown	White	Carton Qty	UOM	
F	84124-FEM2 1-1/4"	10-9278	10-9279	10-9277	10-9276	10/Pack	Each
F	84204-FEM2 2"	10-9286	10-9287	10-9285	10-9284	10/Pack	Each
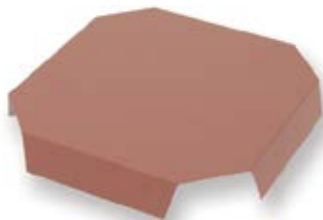
4-Way Fitting	Stock ID					
Description	Beige	Brick Red	Brown	White	Carton Qty	UOM
4WF-2 2"	038-007-22	038-007-21	038-007-24	038-007-23	10/Pack	Each
4WF-3 3"	038-005-22	038-005-21	038-005-24	038-005-23	10/Pack	Each

Not Shown On Drawing

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Steel Molding
Tuff Top Coating for Olympic Steel Molding
Category 5, 5E & 6 - 1" Bend Radius Compliant

T-Fitting		Stock ID					
Description		Beige	Brick Red	Brown	White	Carton Qty.	UOM
G	84038-TMB 3/4"	25417	25419	25418	25420	10/Pack	Each
G	84128-TMB 1-1/4"	25437	25439	25438	25440	10/Pack	Each
G	84208-TMB 2"	25467	25469	25468	25466	10/Pack	Each
G	84308-TMB 3"	25494	25495	25496	25006	10/Pack	Each

T-Fitting w/ Bend Radius Protection		Stock ID					
Description		Beige	Brick Red	Brown	White	Carton Qty.	UOM
G	84128-TM2 1-1/4"	10-9282	10-9283	10-9281	10-9280	10/Pack	Each
G	84208-TM2 2"	10-9290	10-9291	10-9289	10-9288	10/Pack	Each

T- Reducer Fitting	Stock ID					
Description	Beige	Brick Red	Brown	White	Carton Qty.	UOM
84128- 03-T 1-1/4" - 3/4"	25540	N/A	N/A	N/A	10/Pack	Each
84208- 03-T 2" - 1-1/4"	25567	25569	25568	25566	10/Pack	Each
84308- 03-T 3" - 1-1/4"	25594	25595	25596	25593	10/Pack	Each

Bell Flanges	Stock ID					
Description	Beige	Brick Red	Brown	White	Carton Qty.	UOM
84030-JBM 3/4"	25617	25619	25618	27321	10/Pack	Each
84120-JBM 1-1/4"	25637	25639	25638	25636	10/Pack	Each
84200-JBM 2"	25667	25669	25668	27322	10/Pack	Each
84300-JBM 3"	25694	25695	25696	25004	10/Pack	Each

2" Metal Molding In-Line Spool				
Stock	Description	Color	Max. Fill	UOM
038-008-22	2" In-Line Spool	Beige	24 Ft	Each
038-008-21	2" In-Line Spool	Brick Red	24 Ft	Each
038-008-24	2" In-Line Spool	Brown	24 Ft	Each
038-008-23	2" In-Line Spool	White	24 Ft	Each

3" Metal Molding In-Line Spool				
Stock	Description	Color	Max. Fill	UOM
038-009-22	3" In-Line Spool	Beige	28 Ft	Each
038-009-21	3" In-Line Spool	Brick Red	28 Ft	Each
038-009-24	3" In-Line Spool	Brown	28 Ft	Each
038-009-23	3" In-Line Spool	White	28 Ft	Each

Image Altered For Clarity

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Accessories
Tuff Top Coating for Olympic Steel Molding
Category 5, 5E & 6 - 1" Bend Radius Compliant

CUTTING TOOL

Stock ID	Description	Weight Lbs.	UOM
33815	84J1251 - Cutting Tool For Steel Molding	-	Each

ENTRY TOOL

Stock ID	Description	Weight Lbs.	UOM
33800	84002-ET - Entry Tool for Molding	0.05	Each

TOUCH UP PAINT

Stock ID	Description	Weight Lbs.	UOM
12715	Brown Touch Up Paint	0.70	Each
12720	Beige Touch Up Paint	0.70	Each
12717	Brick Red Touch Up Paint	0.70	Each
12718	White Touch Up Paint	0.70	Each

Multilink Plastic Flush Wall Entry Plug
With Built-In Bend Radius System
Single Feed Thru Bushing

- Designed to meet the special requirements of the telecommunications industry
- It provides unequaled holding power in less-than-perfect holes through many kinds of construction materials, including masonry walls
- Each bushing has multiple reverse barbs which flex to fill the hole and secure themselves to prevent easy pull-out after insertion

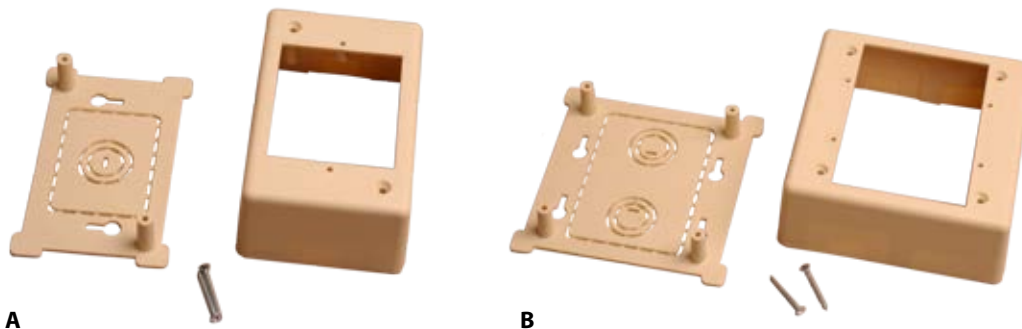| Stock ID	Description	UOM
10-6052	Single Feed-thru Bushing For RG-6 Black	Each
649-022-12	Fiber Plug 3mm	Each

Surface Mount Junction Boxes & Face Plates

A

B

Figure	Stock ID	Description	Dimensions	Wt. Lbs.	UOM
A	99580K	MJB-1-I Ivory Single Gang Surface Mount Box	3.25" x 5" x 2"	0.20	Each
-	99581K	MJB-1-WH White Single Gang Surface Mount Box	3.25" x 5" x 2"	0.20	Each
-	99584K	MJB-1-OW Office White Single Gang Surface Mount Box	3.25" x 5" x 2"	0.20	Each
B	99582K	MJB-2-I Ivory Double Gang Surface Mount Box	5" x 5.25" x 2"	0.20	Each
-	99583K	MJB-2-WH White Double Gang Surface Mount Box	5" x 5.25" x 2"	0.20	Each
-	99585K	MJB-2-OW Office White Double Gang Surface Mount Box	5" x 5.25" x 2"	0.20	Each

C

D

E
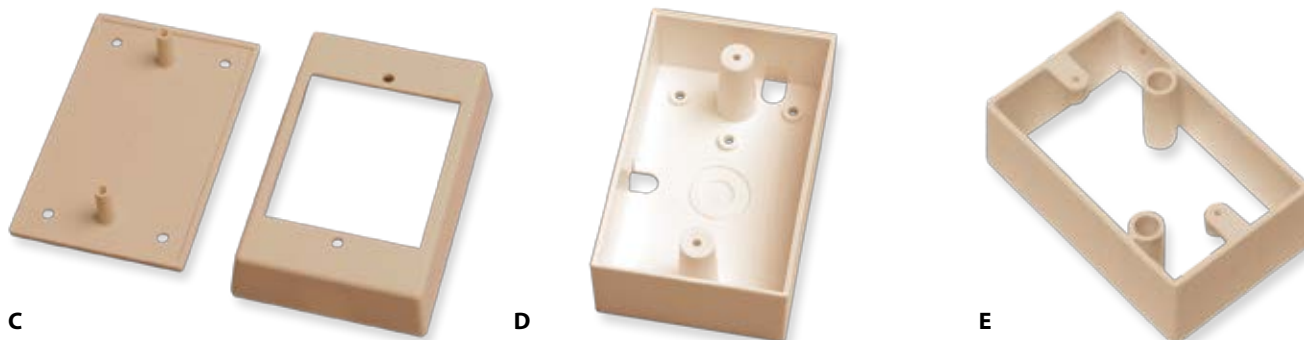
This 2-piece wall plate box offers 4 knockout entry holes which are ideal for a 4-way junction box. The 2-piece wall box can easily be mounted to an uneven surface.

This wall plate box with a back has the same features as the 84421-SWB along with a full backing and a 2 stage knockout with 1/2" ID and 1" OD. Also four mounting holes and two knockouts on each side.

Installing directional taps and passive equipment on hard concrete walls or areas where there are no outlet holes can be a problem without the use of a junction box.

2 Piece Wall Plate Box					
Figure	Stock ID	Part #	Color	Dimensions	UOM
C	33407	84512-SWB	Beige	4.5" x 2.5" x 1"	Each
C	33408	84512-SWB	Brown	4.5" x 2.5" x 1"	Each
C	33409	84512-SWB	White	4.5" x 2.5" x 1"	Each

Wall Plate Box/Junction Box With Full Backing					
Figure	Stock ID	Part #	Color	Dimensions	UOM
D	33417	84430-SWB	Beige	4.5" x 2.5" x 1"	Each
D	33418	84430-SWB	Brown	4.5" x 2.5" x 1"	Each
D	33416	84430-SWB	White	4.5" x 2.5" x 1"	Each

Wall Plate Box/Junction Box					
Figure	Stock ID	Part #	Color	Dimensions	UOM
E	33427	84421-SWB	Beige	4.5" x 2.5" x 1"	Each
E	33428	84421-SWB	Brown	4.5" x 2.5" x 1"	Each
E	33429	84421-SWB	White	4.5" x 2.5" x 1"	Each

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Accessories

A

B
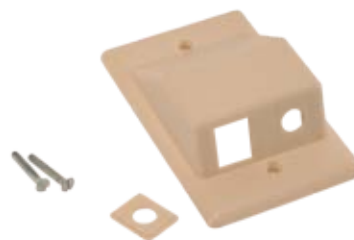
C

Figure	Part #	Stock ID	Color	Description	UOM
A	WP-2SP-WH	33694K	White	Protruding Wall Plate W/ Dual Knockouts	Each
A	WP-2SP-IV	33695K	Ivory	Protruding Wall Plate W/ Dual Knockouts	Each
B	WP-1SR-WH	33710K	White	Recessed Wall Plate	Each
B	WP-1SR-IV	33709K	Ivory	Recessed Wall Plate	Each
C	SWWICT	33587K	Ivory	Protruding Wall Plate For Mode Jack And F81	Each
C	SWWWCT	33588K	White	Protruding Wall Plate For Mode Jack And F81	Each

D

E
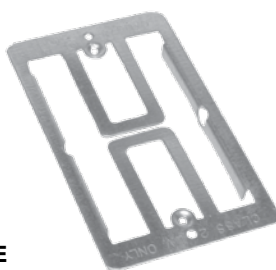
Figure	Part #	Description	UOM
D	33700	MP1 Wall Plate Mounting Bracket	100 / Box
E	33702	MPLS Wall Plate Mounting Bracket	100 / Box

Fiber Optic Exterior Slack Storage Box

FILL CHART			
Bend Radius	Cable Type	EIA/TIA 40%	Maximum Fill
1.263 Inches	3mm Fiber Optic Cable	5.2 1.58 M	13' 3.9 MRT
1.211 Inches	3mm Fiber Optic Cable	4.4 1.34 M	11' 3.52 MRT

Stock ID	Description	Dimensions	Color	Std. CRT Size	UOM
020-004-23	Slack Box, Exterior with 3, 1" holes	4.8 L x 4.8 W x 2.2 D	Ivory	1	Each
020-004-24	Slack Box, Exterior without holes	4.8 L x 4.8 W x 2.2 D	Ivory	1	Each

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Digital Converter Totes

- Transport made easy
- Protect your hardware while improving your image and organization

Rolling Digital Converter Tote

Techbag Tote

CPE Protective Sleeves
When transporting converters,
protection is now made easy

Shoe Covers
Keeps carpet clean and bills down
ONE SIZE FITS ALL

Digital Converter Tote

Converter Bags For CSR's
When receiving converters back,
the bags snuff out insects

Portable Converter Totes Transport Made Easy

Not only holds and protects DVR and Converters, but also holds VOIP installation cables, high speed modems and other hardware and accessories

(3) Adjustable Padded Sections

Retractable Handle

44" Extended 21" Retracted

(1) Top and (2) Side Handles

Double Zipper

20"

Custom Logos Available

Information Window

17"   **23"**

Inside Velcro Pocket

Rolling Digital Converter Tote

Stock ID	10-9440
Description	Rolling Digital Converter Tote, Padded
Dimensions	Outside: 23" W x 20" H x 17" D
	Inside: 21" W x 16" H x 13" D
Weight	-
Material	Canvas, Padded
UOM	Each

The Tech Bag

Stock ID	10-8139 / Custom Logos Available
Description	Techbag Tote For Transporting Converters and
Dimensions	Hardware
	22" L x 8" W x 16" D
Weight	3.0 lbs.
Material	Canvas, Padded
UOM	Each

Specifications subject to change without notice.
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Plastic Converter Tote

Great for transporting in the warehouse and back to repair center

Plastic Cell

Converter Tote
(37130 Shown)

Foam Shock
Pad
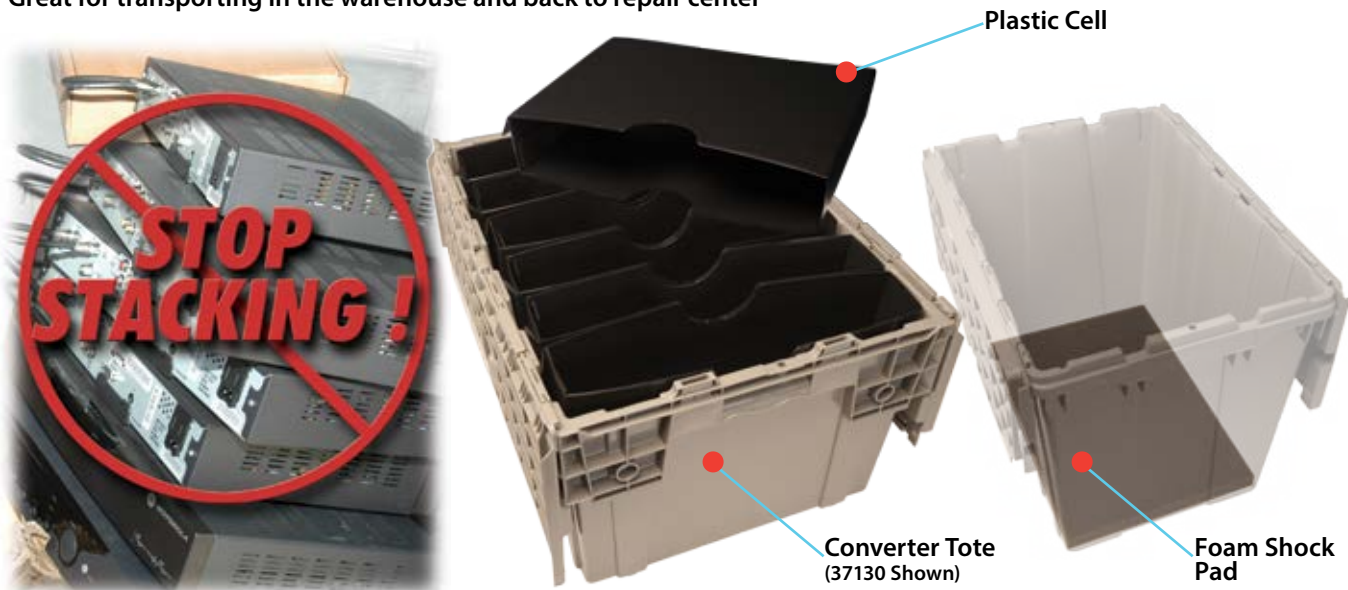
Features & Benefits
- Lockable security
- Easy to maintain
- Washable
- Cell/inserts are replaceable
- Attached cover
- Highly durable
- Stackable

Kit Includes:
- Tote
- Shock Pad
- Cells

Part#	Description	Capacity	Dimensions	UOM
37130K	242015-B Gray Plastic Tote Kit	6 Converters	25"L x 18"W x 14.88"H	Each
37130	242015-B Gray Plastic Tote (Tote Only)	6 Converters	25"L x 18"W x 14.88"H	Each
37333	242517-P Foam Shock Pad Fits Bottom of Tote 37130	-	-	Each

Part#	Description	Capacity	Dimensions	UOM
37111K	221157-B Gray Plastic Tote KIt	4 Converters	19.75"L x 14.5"W x 16.88"H	Each
37111	221157-B Gray Plastic Tote (Tote Only)	4 Converters	19.75"L x 14.5"W x 16.88"H	Each
37112	218134-P Foam Shock Pad Fits Bottom of Tote 37111	-	-	Each

Part#	Description	Capacity	Dimensions	UOM
37113	214123-DCT Plastic Cell For DCT-1000/Terminal Block	-	18.5"L x 3.0"W x 14.25"H	Each

NEW

CPE Protective Sleeve

Stock ID	961-900-20
Description	Protective Neoprene Converter Sleeve
Dimensions	8" x 11" x 3.5"
Weight	≈.5 lbs.
Material	Neoprene
UOM	Each

Please contact customer service to request alternate sizes

Converter Bags & Disposable Shoe Covers

A

B

C

D

Features & Benefits
- Converter Dispenser Repackaging bags are available in quantities of 500 per easy to use dispenser box
- Each bag has space to write the date, the subscriber's name, address, and account number along with an area for comments regarding the performance or condition of the converter
- Each bag has a built-in plastic tie strip to seal the bag and is made from a durable 2 mil. clear poly film
- Custom imprinting and/or logos are available Please call Customer Service for details
- Reduces the roach and pest problems along with the handling of the converters in the field and office area
- Converter disconnections, upgrades, and repair problems are handled quickly and easily with write-on disposable bags
- Operations run more efficiently
- Reduces scratches
- Keeps converter dust free while sitting on the shelf

Features & Benefits
- The Disposable Shoe Covers are made of poly-latex, no-skid material
- The Disposable Shoe cover fits a size 16 shoe and lower (one size fits most)
- The Disposable Shoe Covers are a new and inexpensive product from Multilink used to prevent tracking mud, dirt, grease, etc. on the floors and carpet of subscribers
- No more angry phone calls from subscribers upset with dirt on their floors and carpets!
- No more carpet cleaning bills from the dirty floors of subscribers
- Improve image of the cable system as being professional, *"One who cares about work and customers!"*
- Improve the productivity of the installer because he/she doesn't have to spend time taking his/her boots/shoes off and on before entering the home

Figure	Part #	Description	Dimensions	UOM
A	10-8141	CB-2026 Converter Bag	20" x 26"	500/Box
B	37911	SCJM-402-XD Work Boot & Regular Shoe Style	-	50 Pair/Box
C	37922	SCJM-402-DW High Top Boot Style	-	50 Pair/Bag
D	37933	Shoe Cover XXL Butterfly Style w/ Serged Seam		75 Pair/Bag
D	37934	Shoe Cover Universal Size w/ Serged Seam		75 Pair/Bag
D	37935	Shoe Cover XL Size w/ Serged Seam		75 Pair/Bag

Reusable Shoe Covers

Stock ID	37936
Description	Reusable Shoe Covers
Size	One Size Fits Most
Material	Heavy Duty Nylon w/ Polyurethane Sole
UOM	Pair

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Cable Prep Tools

TORQUE WRENCH

Part#	Description	Dimensions	UOM
38025K	5520-TW, Torque Wrench 20 Inch/Pounds	3/8"	Each
38045K	5540-TW, Torque Wrench 45 Inch/Pounds	3/8"	Each
38020K	5520-TW, Torque Wrench 20 Inch/Pounds	7/16"	Each
38028K	5525-TW, Torque Wrench 25 Inch/Pounds	7/16"	Each
38031K	5530-TW, Torque Wrench 30 Inch/Pounds	7/16	Each
38040K	5540-TW, Torque Wrench 40 Inch/Pounds	7/16"	Each
38044K	5540-TW, Torque Wrench 40 Inch/Pounds	1/2"	Each
38023K	5520-TW, Torque Wrench 20 Inch/Pounds	9/16"	Each
38037K	5530-TW, Torque Wrench 30 Inch/Pounds	9/16"	Each
38038K	5540-TW, Torque Wrench 40 Inch/Pounds	9/16"	Each

7/16" TORQUE WRENCH

Part#	Description	Dimensions	UOM
38946	5510-TWP, Torque Wrench 10.5" Inch/Pounds	7/16"	Each

Powering Products

Multilink Service Programs
Support - 24.7.365
Track Repairs Online - 24.7.365

MULTILINK INSTANT SERVICE IN A BOX

We are proud to announce the beginning of a revolutionary new way of thinking about power supply service. Our Instant Service In A Box program provides you with a replacement Black Hawk inverter, transfer relay, and ribbon cable. When a component goes bad simply replace it and send us the failed parts.

MULTILINK SERVICE CENTERS

We offer full warranty and non-warranty repair services for our power supplies and electronics by factory-trained technicians.
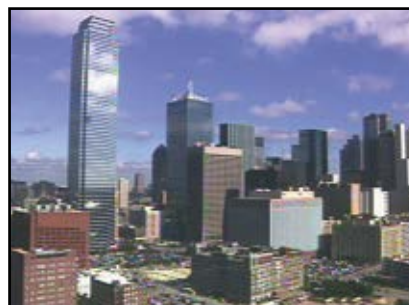
MULTILINK FIELD SERVICE ENGINEERS

We are available for emergency repair and technical service.

MULTILINK IMMEDIATE TECHNICAL SUPPORT

We are available at 440.366.6966. Or log onto our web site: www.gomultilink.com, and visit our Product Section".

VIDEO

View an Installation Video. Now you have round-the-clock installation training for your Power Maintenance Staff 24.7.365. Just go to www.gomultilink.com

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FlexPower 150 and 300

Features & Benefits

- Primary power conversion for 48-volt DC UPS applications

- Provides equipment operating power with simultaneous battery charging capability

- Temperature compensating charging for long battery life and optimum standby time

- Local LCD display and remote status monitoring and reporting

- Wide-range power input capability accepts nearly any AC voltage/frequency combination

- Product is RoHS compliant

- NRTL compliance to UL/CSA 60950, EN 60950 and FCC Part 15, Class B

solar power
compatible

The FlexPOWER power conversion modules provide nominal 48-volt DC output using commercial AC line as the input power source. Output DC is used to power MDU, MTU and SBU applications while maintaining a standby battery in a state of full charge. This product is designed for use in the FlexPOWER Enclosure that enables construction of larger capacity semi-customized power systems serving telecommunications, data and video services. Either four or eight standby batteries may be used with this power module, providing either 7.2 or 14.4 ampere-hour standby capability.

FlexPower 150

Stock ID	017-058-20
Description	48VDC, 150 Watt Power Module
Dimensions	N/A
Weight	N/A
UOM	Each

FlexPower 300

Stock ID	017-059-20
Description	48VDC, 300 Watt Power Module
Dimensions	N/A
Weight	N/A
UOM	Each

	150	300
Input Voltage	90 to 265 VAC	
Input Frequency	47 to 63Hz	
Power Factor	0.9 or better at any load	
Output Power	150 VA	300 VA
Output Voltage (nominal)	48 VDC (adjustable)	
Voltage Adjustment Range	9 to 16 VDC	42 to 58 VDC
Output Current (nominal)	3.1 amp DC	6.2 amp DC
Output Ripple	Less than 3mV RMS	

	150	300
Input Protection	External fuse or circuit breaker required Replaceable metal oxide varistors (MOVs) at input	
Output Protection	Current limit and overvoltage shutdown	
Operating Temperature	-40°F to 149°F (-40°C to 65°C)	
Storage Temperature	-58°F to 158°F (-50°C to 70°C)	
Humidity	0 to 95% non-condensing	
Alarms	Built-in LCD display for operating parameters and alarms	
Battery	Supports (4) or (8) 7.2 amp-hour maintenance-free VRLA batteries	
Output Noise (voice band)	Less than 90mV peak-to-peak	

FlexPower Batteries

032-030-10

Stock ID	032-030-10
Description	12 Volt, 7.2 amp-hour VRLA battery
Dimensions	5.95" x 2.54" x 3.70" (151mm x 65mm x 94mm)
Weight	5.45 lbs. (2.47 Kg)
UOM	Each

032-032-10

Stock ID	032-032-10
Description	12 Volt, 12 amp-hour VRLA battery
Dimensions	5.95" x 3.86" x 3.94" (151mm x 98mm x 100mm)
Weight	8.36 lbs. (3.80 Kg)
UOM	Each

032-033-10

Stock ID	032-033-10
Description	12 Volt, 17 amp-hour VRLA battery
Dimensions	7.13" x 2.99" x 6.58" (181mm x 76mm x 167mm)
Weight	14.34 lbs. (6.50 Kg)
UOM	Each

The FlexPOWER series of batteries complements the FlexPOWER product line of DC power systems and power conversion modules. These batteries are lead-acid, maintenance-free units suitable for use inside enclosures typically applied in customer premise locations in MDU, SBU and similar applications. Batteries may be used singly in 12-volt backup systems or in series or series-parallel arrangements in 48-volt DC systems.

Features & Benefits
• Designed for standby, float service application
• Recognized component per UL standards for standby batteries

Multilink®

EB1

Features & Benefits

- Wall mounting hardware included
- Status-At-A-Glance indicators
- High efficiency inverter operation (>90% typical)
- High efficiency line operation (93% typical)
- Preventative and self-diagnostic maintenance features
- Optional ESM/DSM status monitoring available

- Multiple input taps with automatic selection
- Programmable LCD Display
- Superior output regulation in both Line and Inverter operation
- High efficiency Battery Boost with Synchronous Rectification (no fans or heatsinks)
- Four individually protected outputs
- Independent programmable current limits for each output

The EB1 uninterruptable power supply features a high efficiency synchronous power processing topology where battery voltage is boosted and regulated before driving the inverter. This provides superior power supply output regulation across the entire battery voltage range while also improving power supply efficiency. In line power operation, an intelligent line monitor selects one of four transformer input taps to provide the best transformer efficiency and maintain optimum output voltage regulation to the four independently current limited outputs. The EB1 and can either be wall or shelf mounted.

Ordering Information

Stock ID	Model Description	Input Voltage V rms	Input Frequency Hz	Output Voltage V rms	Output Current A	Max Output Power VA	Battery Voltage VDC	Approximate Wt. lbs/kg
017-064-23	EB1 500-36	230	50, ±3	48/63/89	10/8.3/5.5	500	36	45/22.5
017-064-20	EB1 900-36	230	50, ±3	63/89	15/10	900	36	45/22.5
017-064-21	EB1 1350-36	230	50, ±3	48/63/89	22/22/15	1350	36	45/22.5
017-064-22	EB1 1350-48	230	50, ±3	48/63/89	22/22/15	1350	48	45/22.5
017-067-20	EB1 Node Series	120	60, ±3	60/90	6.5	600	36	TBD

EB1 Specifications

NEW

Electronically Controlled Output Current Protection "Self Resets"

Status-At-A-Glance

LCD Display

Battery Circut Breaker

Syncronous Battery Boost

Wide Input Voltage Range

Embedded DOCSIS Monitoring *(optional)*

Individual Battery Monitoring
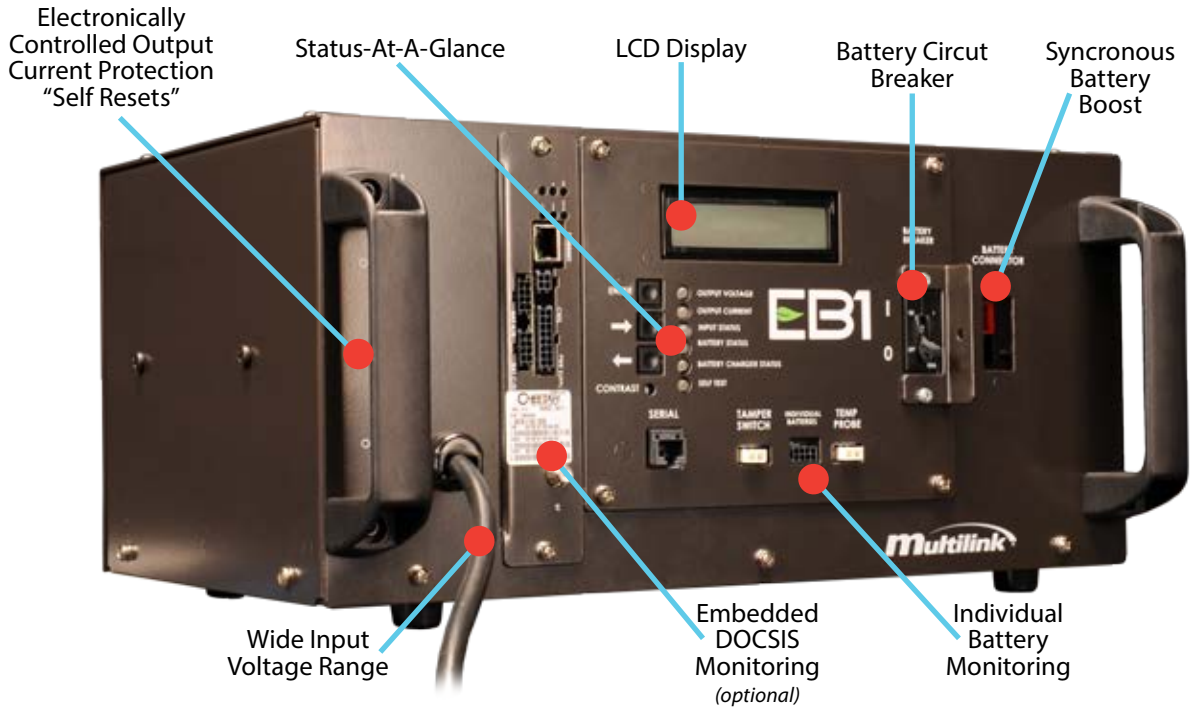
The Serial Status Monitoring Port Monitors:

- Output #1 - #4 current
- Output #1 voltage
- Input voltage
- Input current
- Battery string voltage
- Individual battery voltage

- Major alarm
- Minor alarm
- Inverter status
- Last test status
- Tamper switch
- Test start/stop

- Discharge current
- Charge current
- Power input
- Power output
- Frequency

	500	900	1350
Size	Vertical Mount: 20"W x 11.7"H x 9"D Shelf Mount: 16.5"W x 8.4"H x 12.5"D		
Weight	65 lbs		
Environmental	-40 to 60°C 95% RH non-condensing		

MP Plus
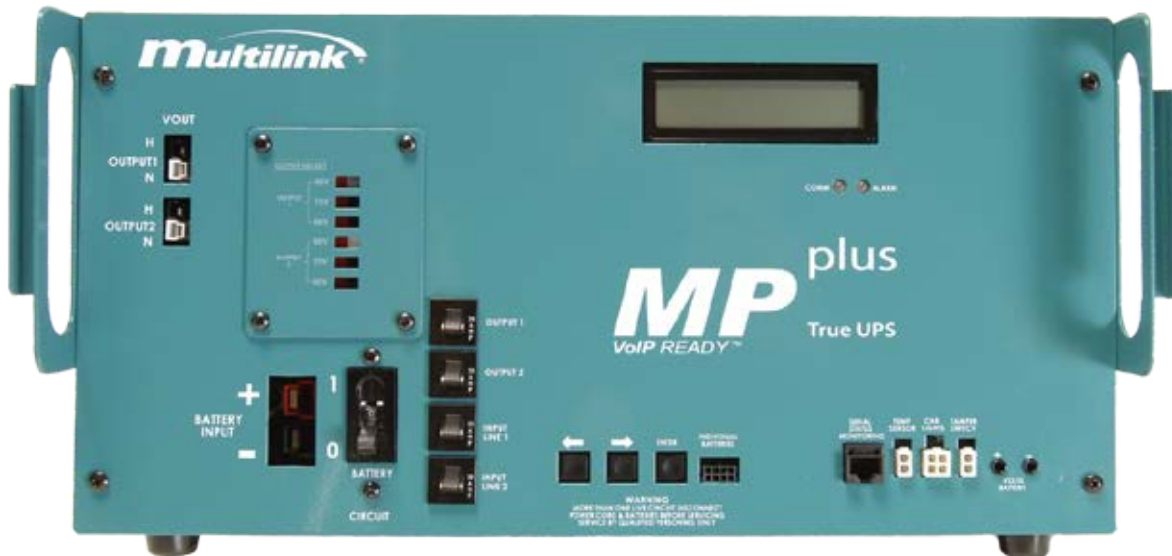
Features & Benefits

- True UPS Mission Critical
- No transfer, No interruption
- Universal Input
- 90V/75V/60V operation

- HMS RS485 monitoring
- LCD Display
- Temperature-compensated four-stage charger
- Battery temperature sensor

The MP Plus power supply traces its roots to services started in 1998 with its forerunner, the MP True UPS. At that time, power supplies based on the true UPS concept constituted the largest trouble-free installations of any CATV / Broadband network power supply in the world. The key to part of this success is the universal input that allows this particular power supply to operate from a wide range of voltages. Consequently, line voltage spikes, sags and minor surges that occur daily on the AC utility lines are absorbed in the input circuits of the MP Plus power supply. If a brownout, blackout or momentary loss of AC power occurs, the transfer to the battery backup inverter is seamless with absolutely no power anomalies being reflected to the load. Circuit topology within the MP Plus series provides a true UPS product suitable for today's mission-critical applications, offering the best and most reliable back-up source for services such as VoIP and others. Standby power supplies simply cannot provide the quality of power and the ongoing reliability offered in the MP Plus True UPS power supply.

Ordering Information

Stock ID	Model Description	Nominal Input Voltage VAC	Input Frequency Hz	Output Voltage VAC	Output Current A	Max Output Power VA	Battery Voltage VDC	Approximate Wt. lbs/kg
017-040-20	MP PLUS LCD 900-120-36	120	47-63	60/75/90	15/12/10	900	36	60/27.2
017-040-21	MP PLUS LCD 900-240-36	240	47-63	60/75/90	15/12/10	900	36	60/27.2
017-040-22	MP PLUS LCD 900-120-48	120	47-63	60/75/90	15/12/10	900	48	60/27.2
017-040-23	MP PLUS LCD 900-240-48	240	47-63	60/75/90	15/12/10	900	48	60/27.2
017-038-20	MP PLUS LCD 1350-120-36	120	47-63	60/75/90	22/18/15	1350	36	72/32.7
017-038-21	MP PLUS LCD 1350-240-36	240	47-63	60/75/90	22/18/15	1350	36	72/32.7
017-038-22	MP PLUS LCD 1350-120-48	120	47-63	60/75/90	22/18/15	1350	48	72/32.7
017-038-23	MP PLUS LCD 1350-240-48	240	47-63	60/75/90	22/18/15	1350	48	72/32.7

US Patent # 5,994,793, US Patent # US 6,268,665 B1, US Patent # 6,932,443

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440.366.6966

MP Plus Specifications

Electronically
Controlled Output
Current Protection
"Self Resets"

Dual Outputs
Can Run 90 And 60 Volt
Plant On Each Output

Easy Access
Output Selector

No Dip Switches
To Mess With

Universal Input Offers
A Wide Range Of Input
Voltage And Frequency

Dual Heat
Sinks

LCD
Display

Standard
Battery
Connector

Circuit Breakers
No Fuses To
Replace

HMS RS485
Serial Status
Monitoring
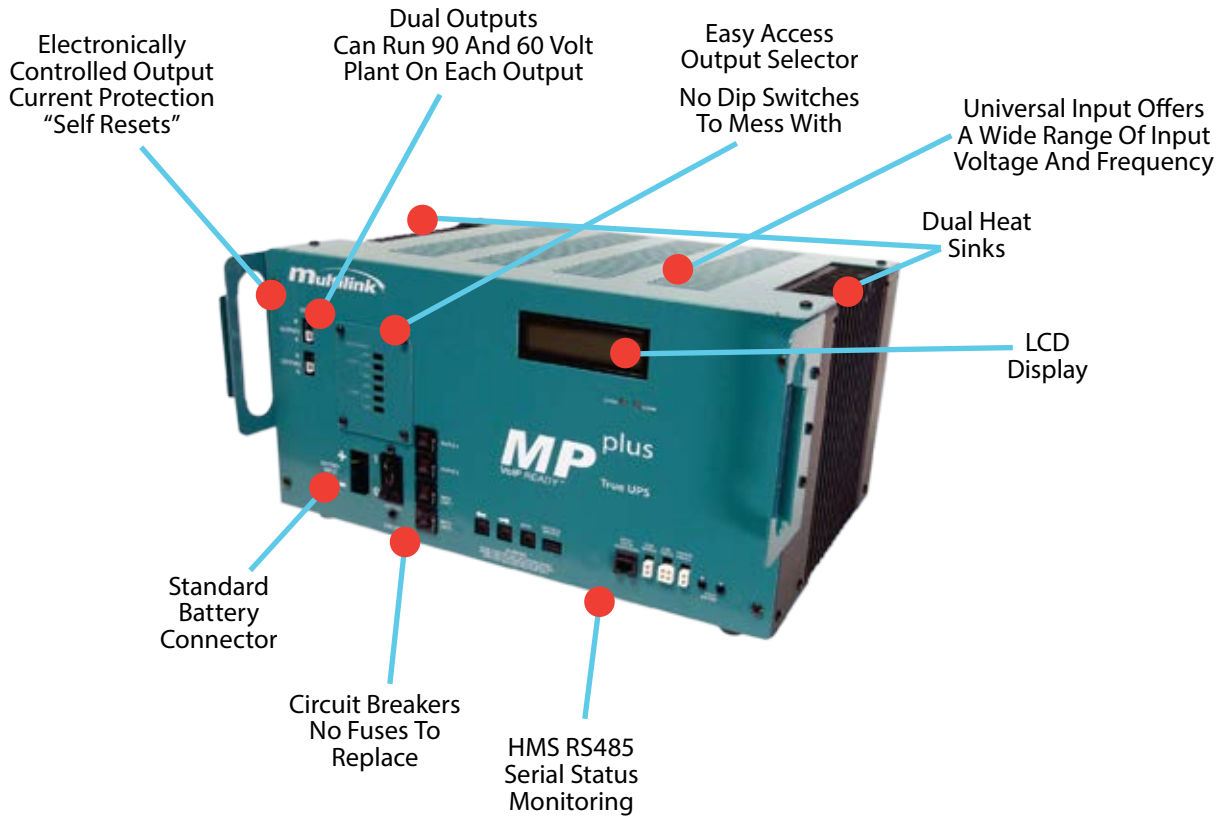
The Serial Status Monitoring Port Monitors:
- Output #1 and output #2 current
- Output #1 voltage
- Input voltage
- Input current
- Battery string voltage
- Major alarm
- Minor alarm
- Inverter status
- Last test status
- Tamper switch
- Test start/stop

PENDING AGENCY APPROVAL

	900	1350
Size	16"W x 8.625"H x 12"D	
Weight	65 lbs	72 lbs
Environmental	-40 to 60C 95% RH non condensing	
Protection	I-Track electronic current limit and output breakers battery circuit breaker	
Cabinet Lights	4 pin mini mate-n-lock	
Temperature Sensor	2 pin mini mate-n-lock	
Test Jacks	Output voltage (TRMS) Output current (TRMS) Battery String Voltage	
Low Battery cut off	36V System, 31.5V(1.75 VPC) 48V System, 42(1.75 VPC)	
Battery Acceptance	36V System, 37VDC TYP 48V System, 49 VDC TYP	
Status Monitor	HMS RS485	

US Patent # 5,994,793, US Patent # US 6,268,665 B1, US Patent # 6,932,443

Black Hawk

Features & Benefits

- Premium Uninterruptible Power
- Direct Core Cooling
- Lower Battery Ripple
- Inverter Current Limiting
- The Original Replaceable Transfer Relay
- Status-at-a-Glance
- Conformal Coated Circuit Boards Optional
- Replaceable Inverter Module

Ordering Information

Stock ID	Model Description	Alternate Description	Nominal Input Voltage VAC	Input Frequency Hz	Output Voltage VAC	Output Current A	Max Output Power VA	Battery Voltage VDC	Approximate Weight lbs/kg
017-045-20	900-120/60-36	9010/6015	120	60	60/75/90	15/12/10	900	36	62/28.1
017-045-22	900-120/60-48	9010/6015	120	60	60/75/90	15/12/10	900	48	62/28.1
017-045-21	900-240/60-36	9010/6015	240	60	60/75/90	15/12/10	900	36	62/28.1
017-045-23	900-240/60-48	9010/6015	240	60	60/75/90	15/12/10	900	48	62/28.1
017-041-20	1350-120/60-36	9015/6022	120	60	60/75/90	22/18/15	1350	36	69.5/31.5
017-041-22	1350-120/60-48	9015/6022	120	60	60/75/90	22/18/15	1350	48	69.5/31.5
017-041-21	1350-240/60-36	9015/6022	240	60	60/75/90	22/18/15	1350	36	69.5/31.5
017-041-23	1350-240/60-48	9015/6022	240	60	60/75/90	22/18/15	1350	48	69.5/31.5
017-049-22	900-100/50-36	9010/6015	100	50	60/75/90	15/12/10	900	36	72/32.7
017-049-23	900-100/50-48	9010/6015	100	50	60/75/90	15/12/10	900	48	72/32.7
017-033-20	1350-100/50-36	9015/6022	100	50	60/75/90	22/18/15	1350	36	82/37.2
017-033-22	1350-100/50-48	9015/6022	100	50	60/75/90	22/18/15	1350	48	82/37.2
017-049-20	900-200/50-36	9010/6015	200	50	60/75/90	15/12/10	900	36	72/32.7
017-049-21	900-200/50-48	9010/6015	200	50	60/75/90	15/12/10	900	48	72/32.7
017-033-21	1350-200/50-36	9015/6022	200	50	60/75/90	22/18/15	1350	36	82/37.2
017-033-23	1350-200/50-48	9015/6022	200	50	60/75/90	22/18/15	1350	48	82/37.2
017-039-20	2000-240/60-48	9022	240	60	60/75/90	22.25	2000	48	82/37.2

Black Hawk Specifications

Carrying Handle

Battery Test Points

Slide Out Inverter Module

LCD Display

Re-Settable Circuit Breaker

Individual Battery Monitoring

Cabinet Lights

Battery Temp Sensor

Output

Output Test Points

Standard Battery Connector

Battery Circut Breaker

Direct Core Cooling
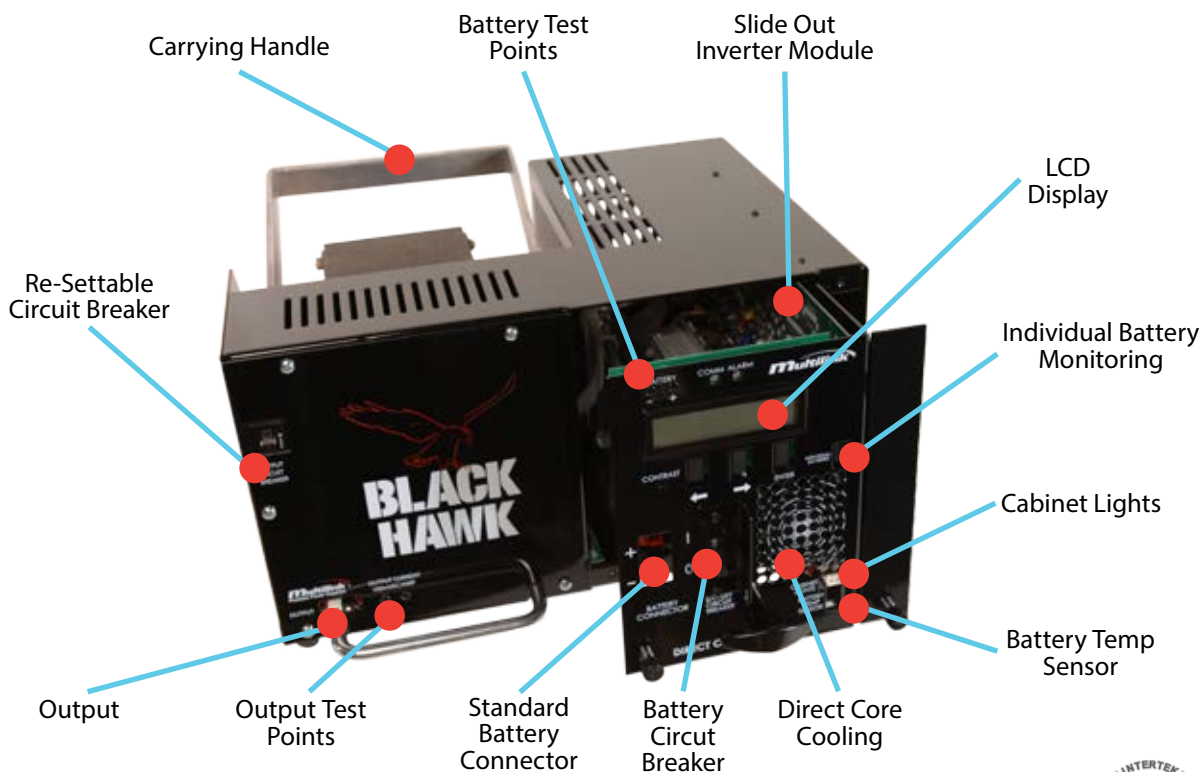
	900	1350	2000
Input Voltage	120VAC	120VAC	240VAC
Input Current	9A	8A	8A
Input Frequency	60 Hz	60 Hz	60 Hz
Line Reject	95V	95V	190V
Line Accept	105V	105V	210V
Output Voltage	60/75/90VAC + 5% / -2%	60/75/90VAC + 5% / -2%	60/75/90VAC + 5% / -2%
Output Current	15/12/10A	15/15A/15A	22A/22A/22A
Output Power	900VA	1350VA	2000VA
Power Factor	0.9 typical	0.9 typical	0.9 typical
Efficiency	Line mode: 90% typical (at full load)	Line mode: 90% typical (at full load)	Line mode: 90% typical (at full load)
	Battery Mode: 85% typical (at full load)	Battery Mode: 85% typical (at full load)	Battery Mode: 85% typical (at full load)
Battery Voltage	36VDC nominal	36VDC nominal	48VDC nominal
Low Battery Cutoff	31.5V nom. (1.75V/cell)	31.5V nom. (1.75V/cell)	42.0 nom. (1.75V/cell)
Battery Acceptance	No higher than 37V	No higher than 37V	No higher than 49V
Battery Charger	Bulk, balance and float	Bulk, balance and float	Bulk, balance and float
Recharge Current	10A max.	10A max.	10A max.
Battery Float Voltage	41.0VDC (2.28V/cell)	41.0VDC (2.28V/cell)	54.7VDC (2.28V/cell)
Recharge Time	Not Specified; B45 dependent on depth of discharge, etc.		
Charger Temp. Compensation	-0.09V/degC; -0.05V/degF with default to internal sensor upon probe failure		
Transfer Time	4mS typical, measured at 80% load		
Size	15"W x 8.6"H x 12.5"D (381mm x 222mm x 330mm)		

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Little Hawk

The Features
Compact Design, Saves Space
Designed For 60 Homes And Less

Little Hawk 500		
Output VA	500	
Output VA	60 / 75 / 90	
Output A	8.3 / 6.6 / 5.5	
Transfer Time	4mS	
Input V (nom)	120 or 240	
Battery V	36 (3 battery)	48 (4 battery)
Status Monitor	Compatible with Black Hawk status monitoring	

Low Line Reject	
Little Hawk - 120	95 VAC
Little Hawk - 240	190 VAC

Specifications	
Weight	45 lbs
Environmental	-40C to 60C 0-95% RH non-condensing
Protection	85A battery circuit breaker
Temperature Sensor	2 pin mini mate-n-lock

Battery String Voltage		
Low Battery Cut Off	36V System	31.5V (1.75 VPC)
Battery Acceptance	36V System	37 VDC TYP
Battery Acceptance	48V System	49 VDC TYP

Ordering Information

Stock ID	Model Description	Nominal Input Voltage VAC	Input Frequency Hz	Output Voltage VAC	Output Current A	Max Output Power VA	Battery Voltage VDC	Approximate Weight lbs/kg
017-044-20	BLACK HAWK LCD 500-120/60-36	120	60	60/75/90	8.3/6.7/5.6	500	36	45/22.5
017-044-21	BLACK HAWK LCD 500-240/60-36	240	60	60/75/90	8.3/6.7/5.6	500	36	45/22.5
017-044-22	BLACK HAWK LCD 500-120/60-48	120	60	60/75/90	8.3/6.7/5.6	500	48	45/22.5
017-044-23	BLACK HAWK LCD 500-240/60-48	240	60	60/75/90	8.3/6.7/5.6	500	48	45/22.5

PENDING AGENCY APPROVAL

Compatible with Black Hawk inverter and status monitoring.

Black Hawk

Replaceable Transfer Relay

Durable 30 Amp Power Relay

Expected mechanical life of up to 10 million operations!
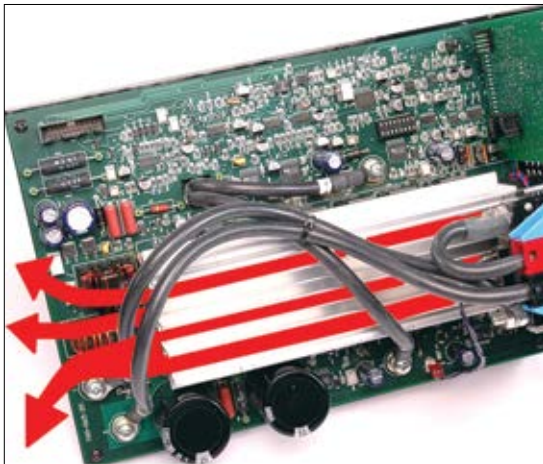
Direct Core Cooling System
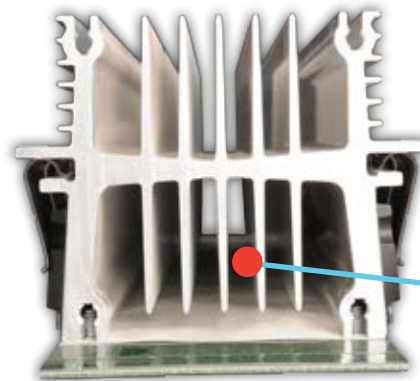
Enclosed Air
Cooling Duct

COOL AIR FLOWS directly to where it is needed and then out the back of the power supply

Replaceable Inverter Module

Part #	Description	UOM
744-353-20	Inverter Module 36V Black Hawk	Each
744-353-21	Inverter Module 48V Black Hawk	Each

instant service
in a box ©

BLACK
HAWK

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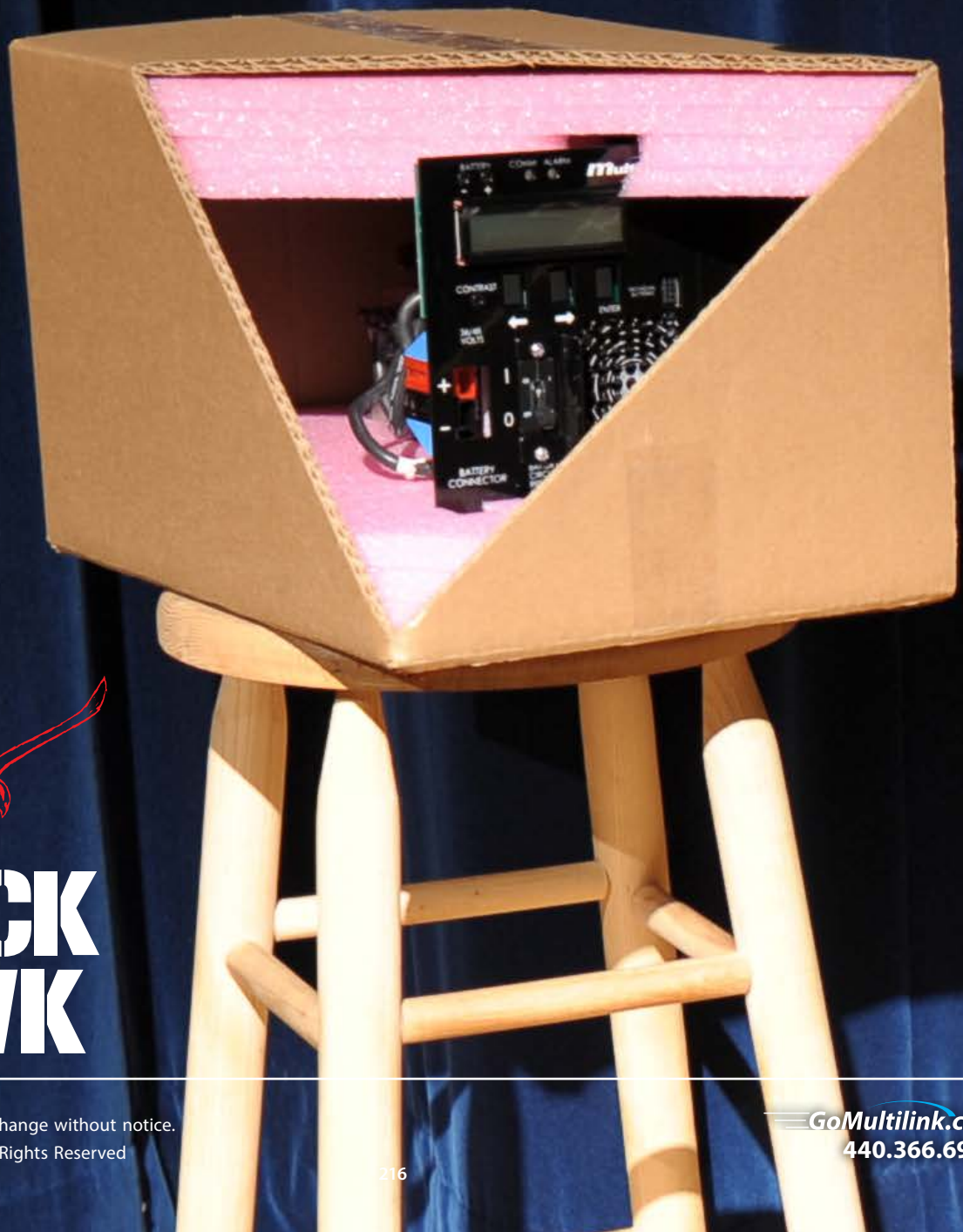
Step 1:

Multilink will provide one service kit for each of your trucks that service Black Hawk power supplies. In the event of a failure, remove the service kit from your truck.

Step 2:

Remove the damaged inverter, ribbon cable, or relay from the failed power supply.

Step 3:

Install the new components into the power supply. If any status monitoring was installed, switch the board to the new inverter.

Step 4:

Place the failed components into the same box and seal it up.

Step 5:

Place the shipping label on top, and ship it back to us. A new service kit will be sent out within one day of reciept.*

*Manufacturers warranty specifications apply for all returned components.

Black Hawk Status Monitoring

Embedded Electroline Transponder
(019-010-10)

Electroline embedded DOCSIS transponder for the Black Hawk power supply. This SCTE-HMS-022 compliant transponder has the ability to monitor individual batteries, up to two strings. Local interface is through USB port.

HMS Status Monitoring
(744-362-24)

SCTE-HMS-022 compliant Black Hawk power supply interface. Has a single wire interface to connect to an external HMS-022 compliant transponder. Has the ability to monitor individual batteries, up to two strings.

Embedded Cheetah Transponder
(744-828-20)

Cheetah embedded DOCSIS transponder for the Black Hawk power supply. This SCTE-HMS-022 compliant transponder has the ability to monitor individual batteries, up to two strings. Local interface is through Ethernet port.

Multilink Ethernet Based Status Monitoring
(744-863-20)

Embedded status monitoring solution communicates to an onsite cable modem through Ethernet.   This device is SCTE-HMS022 compliant with the ability to monitor Multilink Power Supplies and generators. Has the ability to communicate with most SNMP based software with the SCTE MIBS. Also, the status monitoring unit can be configured through a web page and is field upgradable.

Non-Standby Power Supply for Broadband Networks
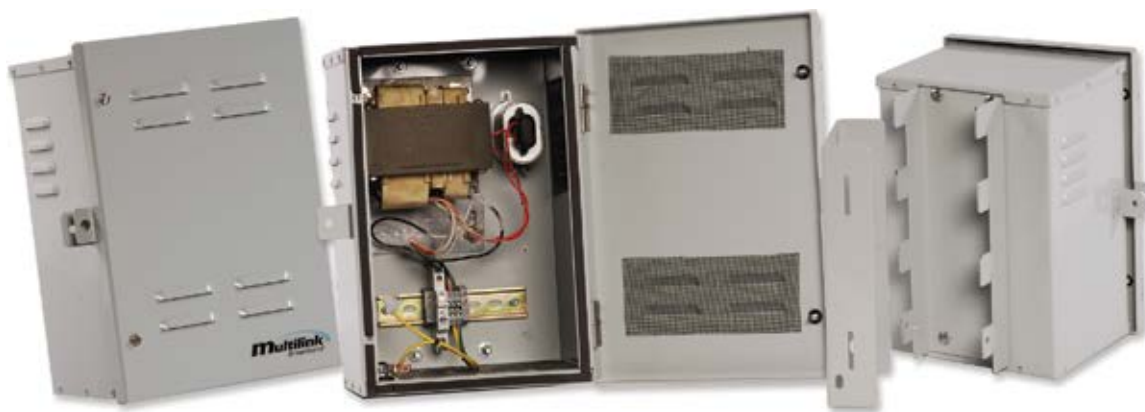
Specifications

Regulation	5%
Input Voltage Range	±15%
Frequency	±3Hz
Tap Voltages*	50 = 48V 60 = 63V 75 = 75V 90V = 87V
Foldback Current	125%<x<150%
Power Factor	>.9
Audible Noise	< 40dBa @ 10'
Efficiency	> 90% full load > 80% half load
Operating Temperature	-40°C to +65°C
Size	15 5/8"H x 11 1/8"W x 8 1/4"D (397mm x 283mm x 210mm) Exclusive of pole-mount bracket

NS Non-Standby Series
- Traditional ferroresonant non-standby powering
- Compact package, self-contained
- Replaceable internal components
- Pole mount
- Low Cost Non-Standby
- High Efficiency
- 50V, 60V and 60/75/90V Models with 3, 6, 10 or 15A Output
- Powder Coated Aluminum Enclosure

Options
- NS-OI - NS Series Output Indicator, Long Life Green LED Indicates AC Output Voltage
- OD-1 - Output Delay Relay
- SA-1 - Input Surge Arrestor

Ordering Information

Stock ID	Nominal Input Voltage VAC	Input Frequency Hz	Output Voltage VAC	Output Current A	Max Output Power VA
016-015-20	120	60	60	15	900
016-016-20	220	50	50, 60	15	900
016-019-20	120	60	60, 75, 90	22.5, 18, 15	1350
016-020-20	220	60	60, 75, 90	22.5, 18, 15	1350
016-013-20	120	60	63	10	630
016-014-20	240	50	32, 48, 63	19.7, 13.1, 10	630
016-017-20	220	60	60	15	900

Enclosure available empty - **Stock ID: 744-323-20**

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Battery Balance Manager

Without Balancer

40.5v
Total

13.95v   # 1

13.05v   # 2

13.5v   # 3

CATV
Power
Supply

Float Charging
(Assume 25^0c Temperature

Battery #1 Overcharged
Battery #2 Undercharged
Battery #3 Just Right

With Balancer

BBN
36

13.5v   # 1

13.5v   # 2

13.5v   # 3

40.5v
Total

CATV
Power
Supply

Low
Battery
Cutoff
Monitor

Float Charging
(Assume 25^0c Temperature

All Batteries Have Correct Voltage And Are Just Right

Reduce Battery Replacement Cost!
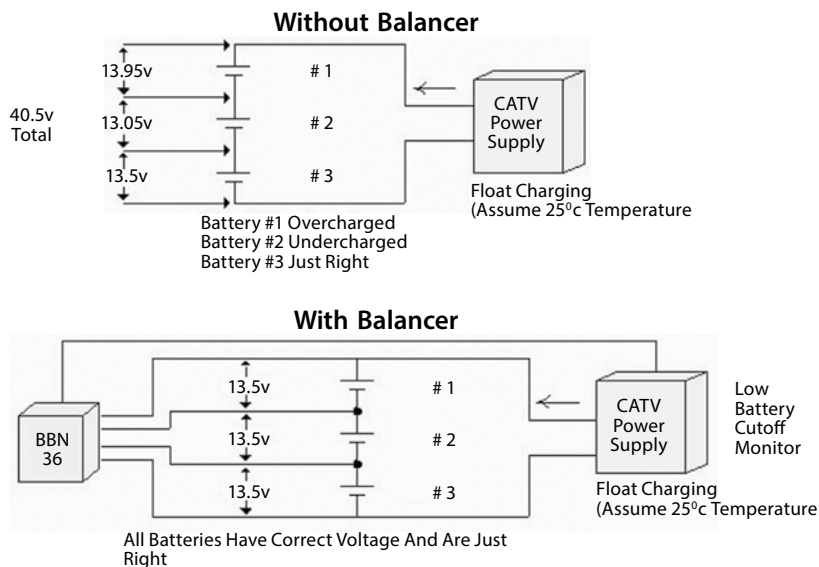
A New Way To Manage Batteries!

- The First Battery Balance in CATV
- Combine new replacements with older batteries in existing strings (*1)
- Active battery charge equalization at float voltages
- Automatically and correctly tracks charger voltage and temperature compensation
- Battery string charges at full charger current, up to maximum of CATV supply capability
- Evenly distributes charge across all batteries in the string preventing potential undercharge and overcharge damage
- Can be used with any manufacturer's CATV power supply
- May be used to balance the batteries in any three or four battery power supply (*2)
- Models are available for use with 36V (three Battery) and 48V (four battery) systems

*1. Replacement battery must be same type , chemistry, size, and AH rating.
*2. On 36V systems, one balancer is required for every string of three batteries. On 48V systems one balancer is required for every string of four batteries.

Technical Specifications

Balance Rate	48 Hours Typical to 66 mV after complete discharge/recharge cycle, measured using new 100AH batteries	**Balance Accuracy**	65mV per battery or better when battery capacity mismatch does not exceed 20%
Max String Charge	Current limited by capability of CATV power supply charger	**Overload Protection**	Electronic self-resetting current protection. Accidental reverse polarity protection
Environmental	-40ºC to +60ºC, 0-99%RH non-condensing		

Ordering Information

Part #	Description	Voltage	Dimensions	UOM
018-008-20	BBM Plus 36V (kit for 3 batteries, includes wiring harness and instructions)	36	6"L x 3.5"W x 2.25D"	Each
018-009-20	BBM Plus 48V (kit for 4 batteries, includes wiring harness and instructions)	48	6"L x 3.5"W x 2.25D"	Each
740-029-20	BBM Plus unit (auto configures for 3 or 4 batteries)	36/48	6"L x 3.5"W x 2.25D"	Each
870-069-21	Wiring Harness for a BBM 3 Batteries	36	n/a	Each
870-070-21	Wiring Harness for a BBM 4 Batteries	48	n/a	Each

Specifications subject to change without notice
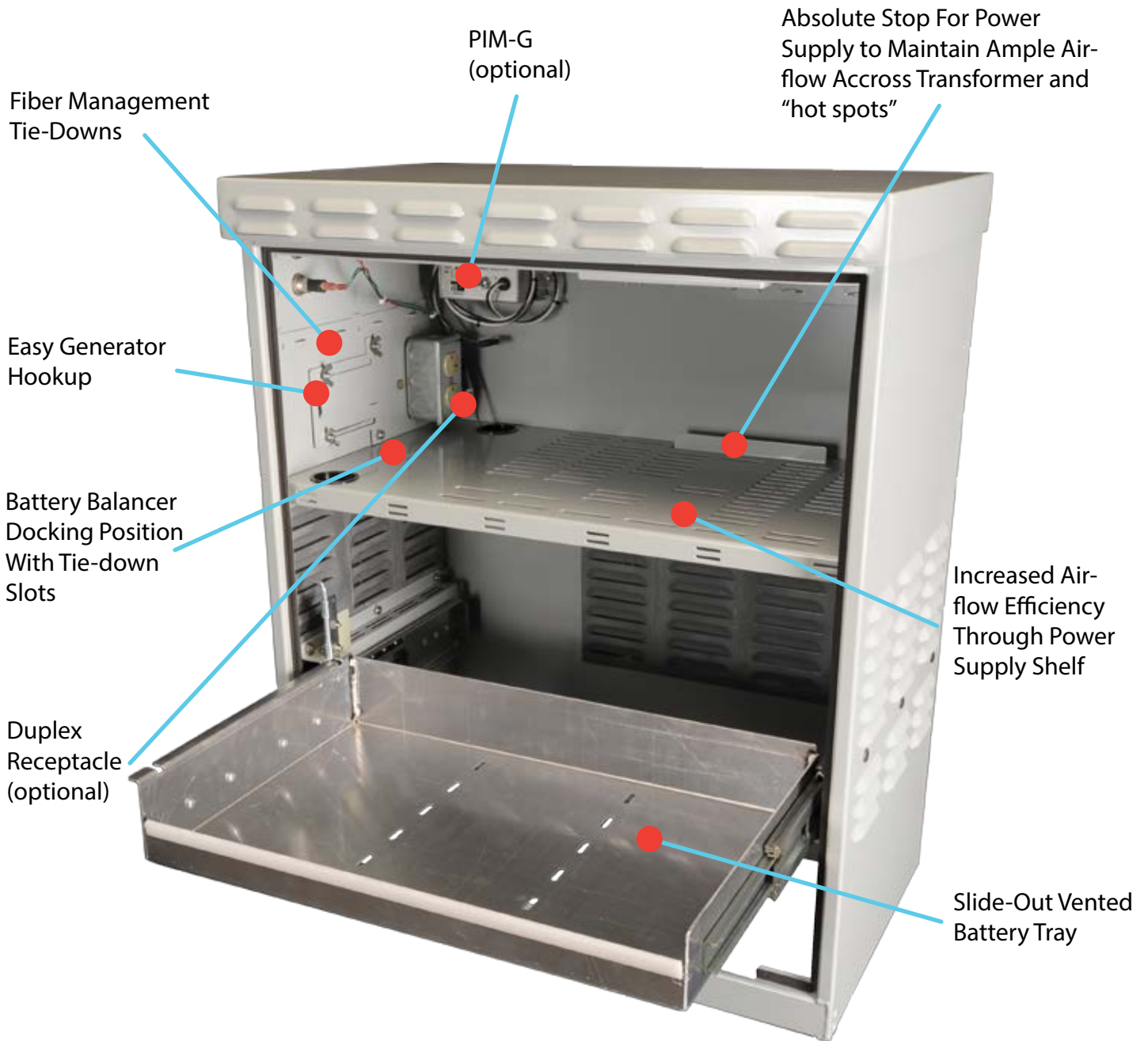
Broadband Gel Batteries

- Advanced GEL technology
- Standard polypropylene case and cover with reinforced end walls.
- Removable carrying handles.
- A recognized component of U.L.
- Gas recombination greater than 99%
- Operates at a low internal pressure.
- Never needs watering, minimal maintenance.
- Pure lead with calcium alloy grids.
- Shock absorbent thick wall polypropylene cases.
- Cold forged non-porous terminal bushings, eliminate post leakage.
- Thermally welded case to cover bond, eliminates both acid and electrical leaks.
- Over-sized, through the partition inter-cell welds provide low resistance connections, with minimal power loss.
- Flame arresting, low pressure safety release venting system for individual cells, recognized per U.L. 924.
- Measured high vacuum acid fill, reduces electrical variability between cells.
- Can be used in any orientation, upright, side or end is recommended.
- 100% recyclable materials.

Specifications

	Group 27	Group 31
Stock ID	032-001-10	032-002-10
Battery Type	Advanced Gel	Advanced Gel
Nominal Voltage	12V	12V
Capacity at C/100	99Ah	108Ah
Capacity at C/200	88 Ah	97.6 Ah
Weight	63 lbs. (28.6 kg)	70 lbs. (31.8 kg)
Plate Alloy	Lead Calcium	Lead Calcium
Posts	Forged Terminals & Bushings	Forged Terminals & Bushings
Container/Cover	Polypropylene	Polypropylene
Operating Teperature Range	-76°F (-60°C) - 140°F (60°C)	-76°F (-60°C) - 140°F (60°C)
Charge Voltage / At 68°F (20°C)		
Cycle	2.30 - 2.35 VPC	2.30 - 2.35 VPC
Float	2.25 - 2.30 VPC	2.25 - 2.30 VPC
Vent	Self-sealing	Self-sealing
Electrolyte	Sulfuric acid thixotropic gel	Sulfuric acid thixotropic gel
Terminal	T876 Contact *(Shown above)*	Stud
Length	12.83" (326mm)	12.93" (329mm)
Width	6.56" (167mm)	6.75" (171mm)
Height	9.30" (236mm)	9.34" (237mm)

Flat Roof Power Cabinets

PIM-G
(optional)

Absolute Stop For Power
Supply to Maintain Ample Air-
flow Accross Transformer and
"hot spots"

Fiber Management
Tie-Downs

Easy Generator
Hookup

Battery Balancer
Docking Position
With Tie-down
Slots

Increased Air-
flow Efficiency
Through Power
Supply Shelf

Duplex
Receptacle
(optional)

Slide-Out Vented
Battery Tray

(Ground Mount 3 Battery Shown)

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Flat Roof Power Cabinets

Enclosure
Indicator Lights
(optional)

100 CFM Fan w/
Connectorized
Wiring Harness
(optional)

Secure Quarter-Turn
Cam Locks

Multiple
Service
Entrance
Options

Custom Logo
Available

Ground Lug

All Louvers
Backed w/ Bug
Screen

Ground Mount:
Removable Panel

Pole Mount:
Lift-Off Hinged Door

"Universal" Concrete
Pad Footprint

(Ground Mount 3 Battery Shown)

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Standard Pole Mount Enclosures / Flat Roof

- Designed to house broadband power supplies and batteries in any pole-mounted application.
- Standard features include durable construction with exterior finished in light equipment gray powder paint. Custom colors are available upon request.
- Totally enclosed design offers highest security from tampering or unauthorized entry, yet provides flexibility in locating utility and cable entrance locations.
- Battery slide trays lock in both closed and extended positions.
- Front door is hinged for easy-open access, but is also removable for ease of installation and service of enclosed equipment. Door is locked in the closed position with high-security latches.
- Flat roof with side flanges affords a rainproof design, yet flips up to allow unhindered access to equipment and battery spaces.
- Optional life saver vented roof available.

Ordering Information

Stock ID:	030-190-10	030-207-10	030-198-10	030-199-10
Model	PSC 3-P	PSC 4-P	PSC 6-P	PSC 8-P
Main Application	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure
Power Supply Shelf	X	X	X	X
Locking Sliding Battery Shelf	X	X	X	X
Hinged Door	X	X	X	X
Ground Lug	X	X	X	X
Group 27 or 31	3	4	6	8

UL Listed versions available. Please contact customer service for more information.

Standard Ground Mount Enclosures / Flat Roof

Customer Favorite

- Designed to house broadband power supplies and batteries in any ground mounted application.
- Standard features include durable construction with exterior finished in light equipment gray powder paint. Custom colors are available upon request.
- Totally enclosed design offers highest security from unauthorized tampering or entry, yet provides flexibility in locating utility and cable entrance locations.
- Battery slide trays lock in both closed and extended positions.
- Front door is hinged for easy-open access, but is also removable for ease of installation and service of enclosed equipment. Door is locked in the closed position with high-security latches.
- Flat roof with side flanges affords a rainproof design, yet flips up to allow unhindered access to equipment and battery spaces.
- Optional life saver vented roof available.

Ordering Information

Stock ID:	030-191-10	030-208-10	030-209-10	030-210-10
Model	PSC 3-G	PSC 4-G	PSC 6-G	PSC 8-G
Main Application	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure
Power Supply Shelf	X	X	X	X
Locking Sliding Battery Shelf	X	X	X	X
Lift Off Door Panel	X	X	X	X
Ground Lug	X	X	X	X
Group 27 or 31	3	4	6	8

UL Listed versions available. Please contact customer service for more information.

Life Saver Convection Cooling System

Given proper charging and installation, battery service life is dependent primarily on average operating temperature. Lead-acid battery chemistry is highly temperature dependent. For each 15°F increase over 77°F in average operating temperature, a corresponding service life reduction of 50% is predicted. This means, in simpler terms, that a 5-year battery in a cool climate will be a 2.5-year battery in a hot climate. Operating temperatures, however, due to sun-loading, can be much higher than local ambient temperatures if the enclosure is not designed to exchange ambient air effectively.

"Sun-loading" in hot climates can raise internal cabinet temperatures to 130°F and above if internal air is not continuously replaced by cooler, outside ambient air. Of course, 130°F temperatures turn a 5-year battery into a 5-month battery!

The key is to allow convective or fan-forced air movement through the cabinet to replace internally heated air with cooler ambient air rapidly enough to reduce inside temperatures to values as close to ambient as possible. This can only be done by using adequately large air entry and exit vents. Multilink's entry and exit areas exceed 44 square inches on all cabinets, allowing temperatures to rise less than a few degrees over.

Even in cooler climates, short hot summers have a life-draining effect: Mulitlink's free-flow "Life Saver" cabinets still work to maximize battery life.

Multilink's battery trays are sized to permit one-inch spacing between batteries on all sides, exposing maximum battery surface area to cooling air flow. Venting patterns in battery trays support optimum cooling air flow for both 3- and 4-battery layouts. When you upgrade from 36V to 48V (higher power, higher efficiency UPS units) there is no need for expensive cabinet change-outs.

Life Saver
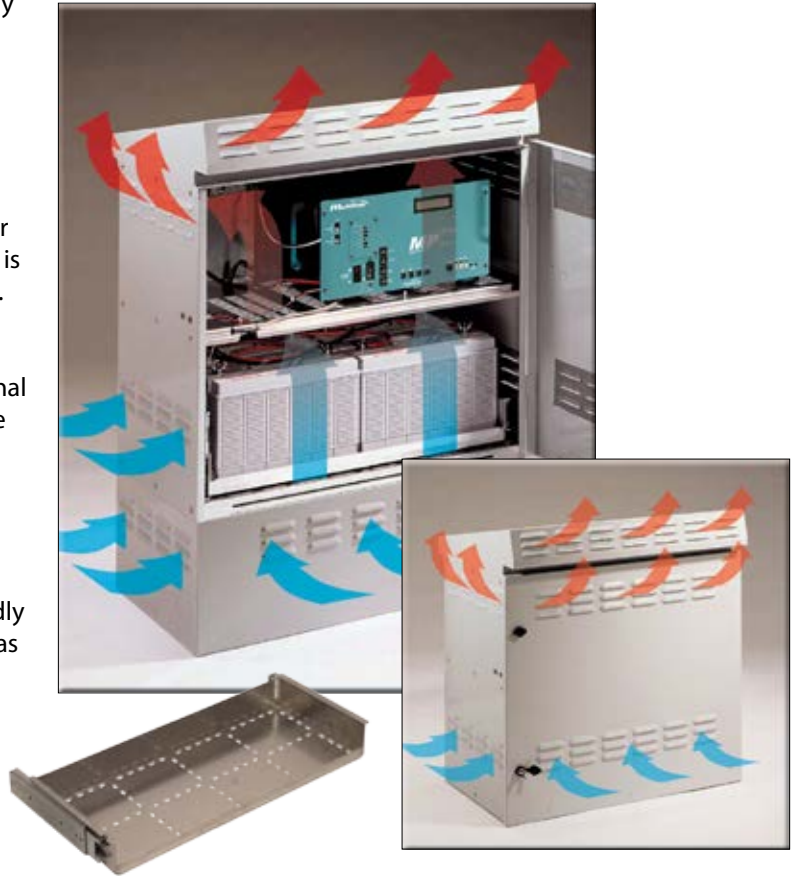
A patented vented battery tray allows air to pass through the batteries

US Patent 6,932,443.B1

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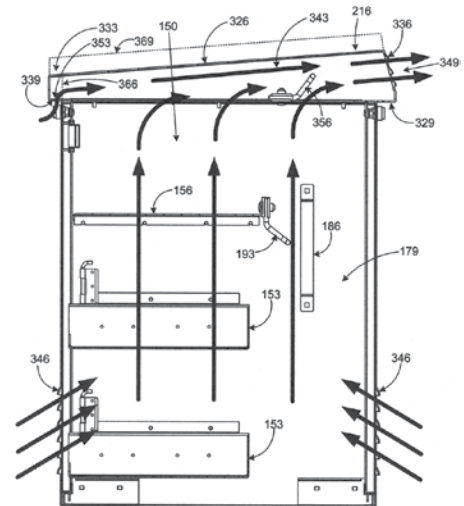
Standard Pole Mount Enclosures / Life Saver

030-043-10

030-016-10

- Designed to house broadband power supplies and batteries in any pole-mounted application.
- Standard features include durable construction with exterior finished in light equipment gray powder paint. Custom colors are available upon request.
- Open bottom design accommodates all vault-and-pad installations, allowing flexibility of utility and cable entrance locations.
- Totally enclosed design offers highest security from tampering or unauthorized entry, yet provides flexibility in locating utility and cable entrance locations.
- Battery slide trays lock in both closed and extended positions.
- Front door is hinged for easy-open access, but is also removable for ease of installation and service of enclosed equipment. Door is locked in the closed position with high-security latches.

Ordering Information

Stock ID:	030-016-10	030-041-10	030-018-10	030-043-10
Model	PM 3/4-N	PM 4-W	PM 6/8-N	PM 8-W
Main Application	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure
Power Supply Shelf	X	X	X	X
Locking Slide Battery Shelf	X	X	X	X
Hinged Door	X	X	X	X
Ground Lug	X	X	X	X
Group 27 or 31	3	3 or 4	6	6 or 8

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Standard Ground Mount Enclosures / Life Saver

- Designed to house broadband power supplies and batteries in any ground-mounted application.
- May be used with pre-cast or poured-in-place concrete pads, vaults or any other desired mounting options.
- Open bottom design accommodates all vault-and-pad installations, allowing flexibility of utility and cable entrance locations.
- Standard features include durable construction with exterior finished in light equipment gray powder paint. Custom colors are available upon request.
- Battery slide trays lock in both closed and extended positions.
- Front and rear doors are removable for ease of installation and service of enclosed equipment. Doors are locked in the closed position with high-security latches.

Ordering Information

Stock ID:	030-015-10	030-040-10	030-017-10	030-042-10
Model	GM 3/4-N	GM 4-W	GM 6/8-N	GM 8-W
Main Application	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure
Power Supply Shelf	X	X	X	X
Locking Slide Battery Shelf	X	X	X	X
Hinged Door	X	X	X	X
Ground Lug	X	X	X	X
Group 27 or 31	3	3 or 4	6	6 or 8

Modular Designs

Power Supply Cabinet PS2-8

Additional Battery Storage Cabinet

2 x 100 CFM Fans Equipped With A Thermostat

52.427

49.433

22.500
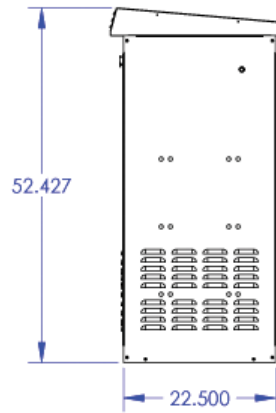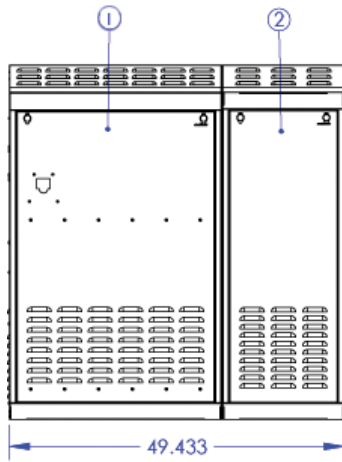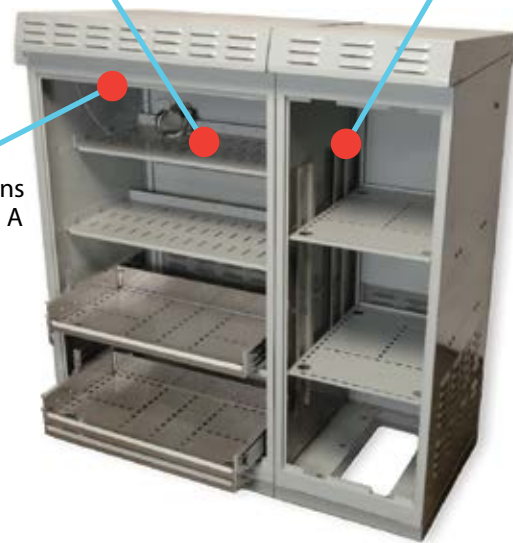
Item #	Part #	Description
1	030-130-10	MPC-PS2-8 120/240V Gray Assy
2	030-131-10	6 Battery Enclosure 18 x 52 x 22 Assy

Metered Power Supply Enclosures

- Designed to EUSERC standards; will accommodate either ring-type or ringless meter base.
- In the MPC-Series cabinets, optional test/bypass blocks allow testing, servicing or replacement of the internal kilowatt-hour meter without affecting utility service to the power supply.
- Rainproof enclosure (Type 3R) will house broadband power supplies and batteries in ground-mounted configuration.
- May be used with pre-cast or poured-in-place concrete pads or vaults.
- Open bottom design accommodates all vault-and-pad installations, allowing flexibility of utility and cable entrance locations.
- Standard features include durable construction with exterior finished in light equipment gray powder paint. Custom colors are available upon request.
- Separate lockable, sealed utility and cable compartments allow for craft separation and exclusive access.

Ordering Information

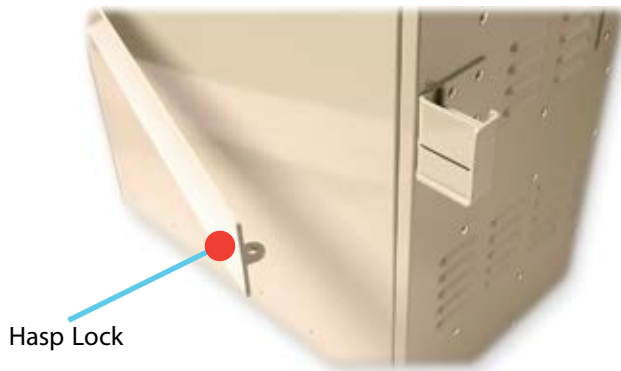| Stock ID:	030-048-10	030-048-11	T.B.D.	T.B.D.	T.B.D.	T.B.D.
Model	MPC-3	MPC-3	MPC-4	MPC-6	MPC-8	MPC-8
Main Entrance	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure
Overall Dimensions	46.1"H x 28"W x 21.3"D	46.2"H x 28"W x 21.3"D	46.2"H x 33.6"W x 21.3"D	50.1"H x 28"W x 21.3"D	50.1"H x 33.6"W x 21.3"D	50.1"H x 33.6"W x 21.3"D
Power Supply Shelf	X	X	X	X	X	X
Battery Shelf	X	X	X	X	X	X
Hinged Roof	X	X	X	X	X	X
Drop-in Doors	X	X	X	X	X	X
Ground Lug	X	X	X	X	X	X
Internal Service	X	X	X	X	X	X
Group 27 or 31	3	3	4	6	8	8
240V 20A / Ext		X				
Dual 120V, 20A / Int	X	X	X	X	X	
240V, 20A Duplex 120V, 20A Duplex Dual Outlets	X	X	X	X	X	X
Test/Bypass Blocks Fifth Jaw for KwH Meter	X	X	X	X	X	X

Legend: "X" Standard equipment or feature provided in enclosure   030-048-11 is listed to UL Standard 1012 for Power Units other than Class 2

Specifications subject to change without notice.
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![Multilink logo]

Custom Metered Cabinets

Lockable bar to install a pad lock
to stop battery bandits

Meter Cabinet   Battery Cabinet
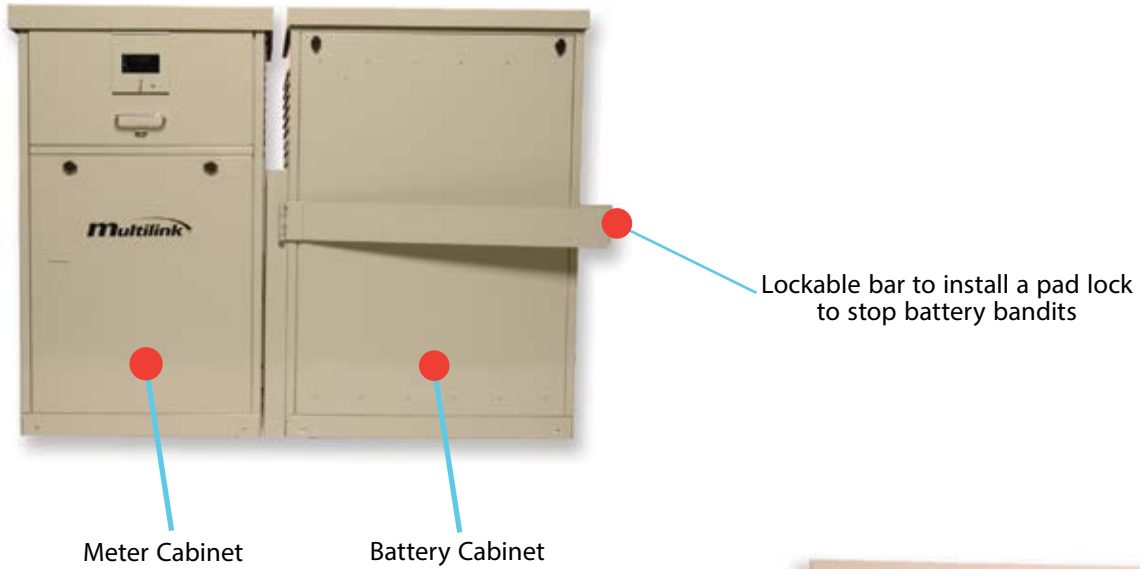
Custom Cabinets to fit your
needs can retrofit to
existing power cabinets

Hasp Lock

![ETL Listed Intertek mark]

Additional Battery Storage

Please contact customer service for more battery storage options or custom requests.
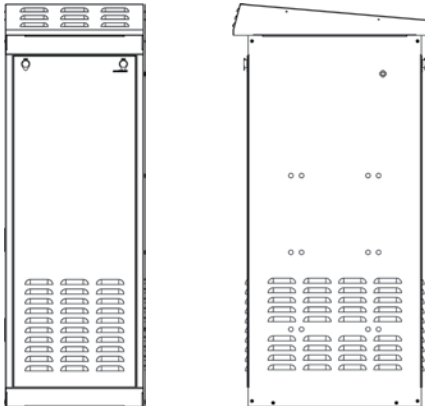
6 Battery Storage
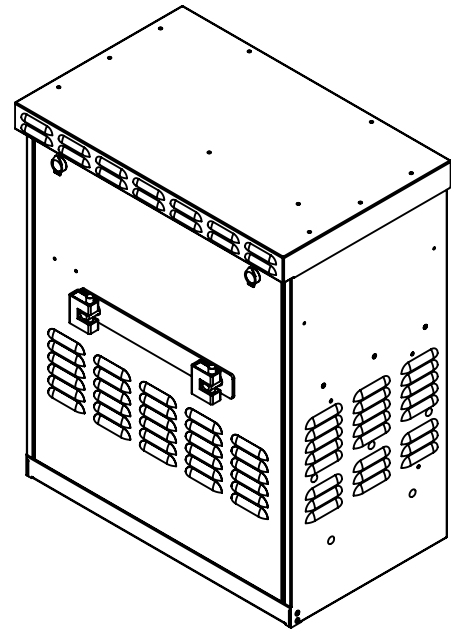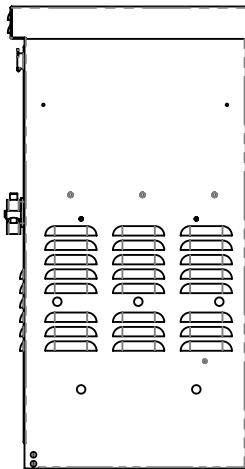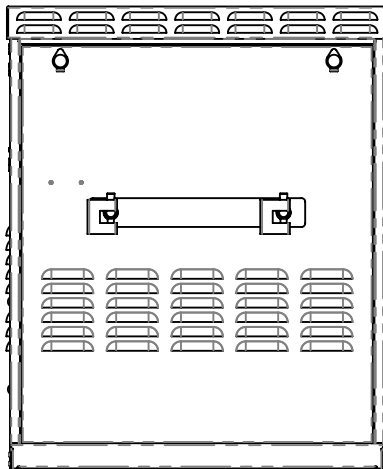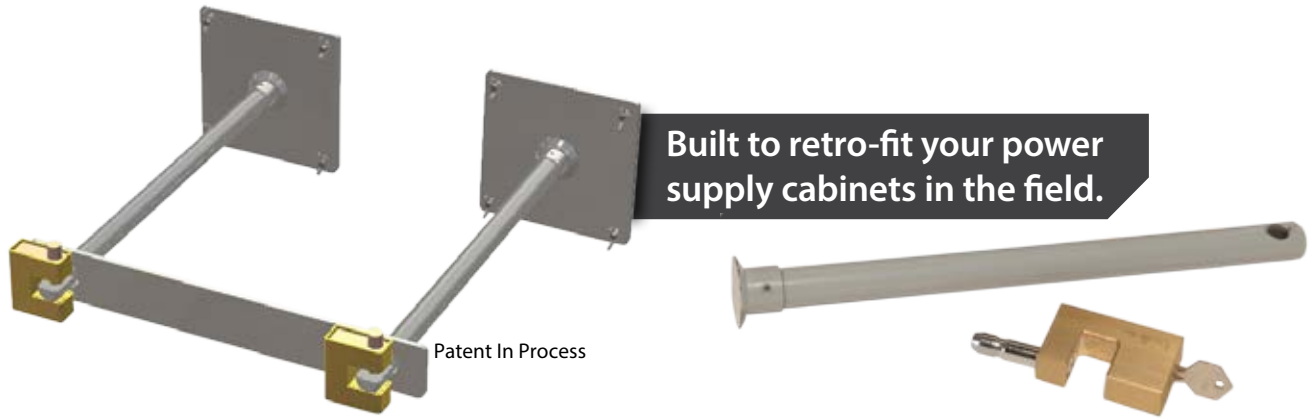
Stock ID	030-131-10
Description	6 Battery Enclosure / Gray
Dimensions	18"W x 52"H x 22"D
UOM	Each

Prevent Cabinet Theft

Built to retro-fit your power supply cabinets in the field.

Patent In Process

Multilink is proud to introduce another dimension of security offerings for our power cabinets. We are constantly seeking to produce products that will meet or surpass the customers qualifications for security and reliability. The new M1 security solution borrows the concept of our M1 security for CATV boxes and integrates it into the already reliable power supply cabinets that our customers know and love. For more information on how you can integrate these into your cabinets or for technical information please contact your customer service representative.

Dual Source Switch

018-029-20

Automatically switches from the primary utility grid to a second utility grid in case of a power failure. The second source preserves the battery charge until both utility sources fail. Indicator light shows status of both primary and secondary source.

Part #	Description
018-029-20	Dual Source Switch

Battery Wiring Kits

3 Battery Wiring

Part #	Description	UOM
874-001-20	BWK-3 Battery Wiring Kit 3 Battery Light (900 Watt or less)	Each
874-001-21	BWK-3HD Battery Wiring Kit 3 Battery Heavy Duty	Each
874-001-22	BWK-3XD Battery Wiring Kit 3 Battery Standard	Each

4 Battery Wiring

Part #	Description	UOM
874-002-20	BWK-4 Battery Wiring Kit 4 Battery Light (900 Watt or less)	Each
874-002-21	BWK-4HD Battery Wiring Kit 4 Battery Heavy Duty	Each
874-002-22	BWK-4XD Battery Wiring Kit 4 Battery Standard	Each

6 Battery Wiring

Part #	Description	UOM
874-003-21	BWK-6HD Battery Wiring Kit 6 Battery Heavy Duty	Each

8 Battery Wiring

Part #	Description	UOM
874-004-20	BWK-8 Battery Wiring Kit 8 Battery	Each
874-004-21	BWK-8HD Battery Wiring Kit 8 Battery Heavy Duty	Each

Surge Suppression

Critical protection from voltage transients coming from the utility line, cable plant and noises.

Coax Suppressor

Stock ID	163-001-10
Description	Coaxial line surge suppression for modems and transponders connected via RG-6 or RG-59 cable. This device provides added protection for sensitive communication equipment when used in conjunction with surge suppression in the balance of the cable plant.

Connectorized Lightning Arrestor

Stock ID	740-057-20
Description	The connectorized lightning arrestor was designed for use with Black Hawk and MP Plus cable power supplies to provide protection against transients and high voltage surges appearing at the power supply outputs resulting from high voltage events occurring on the external cable plant.

Plug In Suppressor

Stock ID	163-003-10
Description	Plug in surge suppression for use in 120 volt duplex outlets. Provides localized surge protection of the particular outlet of connection. This device provides additional secondary surge protection where primary protection at the service entrance or branch circuit panel has be employed.

Primary Surge Suppressor

Stock ID	163-005-10
Description	Primary surge protection, suitable for installation in service entrance boxes or branch circuit panels. This device can be used in both new builds and in upgrades or retrofit applications. Available for 120 or 240 volt use with mechanical mounting suitable for standard 7/8 inch knockout.

Service Entrance

Stock ID	035-001-11
Model #	SQD-1HM
Description	Kit Includes 1 Service Entrance, 1 High Mag Breaker, Wiring, and Mounting Hardware

Stock ID	035-001-20
Model #	SQD-1
Description	Kit Includes 1 Service Entrance, 1- 120V 20AMP Breaker, Wiring, and Mounting Hardware

Stock ID	035-002-10
Model #	SQD-3
Description	Kit Includes 1 Service Entrance, 1- 120V/240V 20AMP Breaker, Wiring, and Mounting Hardware

Power Options

PIM-G

PIM-E

Multifunction Power Insertion Module (PIM) supports output load current connection to the cable coaxial fittings leading to the system power inserter via a standard 5/8" threaded fitting. Status monitor connection permits monitoring of output AC voltage and power of transponders. (Powering of status monitoring transponders by direct DC connection to the batteries may unbalance charge distribution across the battery string, reducing battery life. Multilink supports a separate DC power supply for monitoring transponders, powered by an AC output at the PIM.) A convenient power substitution switch allows transfer to a service power supply when removing or upgrading the UPS module, with a minimum interruption to plant powering.

Stock ID	Description	Uom
740-009-20	PIM-G with 4' Cable	Each
740-015-20	PIM-E Economy PIM	Each

120V Receptacle Shown

Duplex Kits

Stock ID	035-007-10
Model #	DOK-1
Description	120V Duplex Kit Including Receptacle, Receptacle Box, and Face Plate
UOM	Each

Stock ID	035-008-10
Model #	DOK-2
Description	240V Duplex Kit Including Receptacle, Receptacle Box, and Face Plate
UOM	Each

Cabinet Options

Severe Weather Kit

Stock ID	035-011-10
Model #	Severe Weather Kit
Description	Kit Includes Two 12"x12" Squares of Cobra Vent
UOM	Each

Meter Bases

Stock ID	523-003-10
Model #	Lectro 100A-OH/UG
Description	100 Amp Outdoor Meter Base
UOM	Each

Stock ID	523-202-10
Model #	PH U1980-OKK (NO HUB)
Description	Meter Base 200A 250VAC Single
UOM	Each

Stock ID	523-203-10
Model #	N/A
Description	Meter Base 100A 250V Single/ Phase Ring Type
UOM	Each

523-003-10

Tamper Switch Kit

Stock ID	740-008-20
Model #	TWK
Description	Kit includes tamper sensor switch and hardware
UOM	Each

Hardware Included

Cabinet Fan Cooling Kit (for MQ-36 Cabinets)

Stock ID	035-025-10
Model #	MQ-FK1
Description	100CFM Fan Kit Installs Into Roof of MQ-36 Cabinet for Great Forced Convection
UOM	Each

Indicator Light Kits

Enclosure Light Kits

Stock ID	035-014-20
Model #	ELK
Description	Enclosure Light Kit with Lectro Option
UOM	Each

Stock ID	035-003-10
Model #	ELK-1
Description	Enclosure Light Kit
UOM	Each

Stock ID	035-015-10
Model #	ELK-1E
Description	Economy Enclosure Light Kit
UOM	Each

Stock ID	035-016-20
Model #	ALK-1
Description	Standby Light Kit (Alpha Option)
UOM	Each

Vaults and Pads

A

B

C
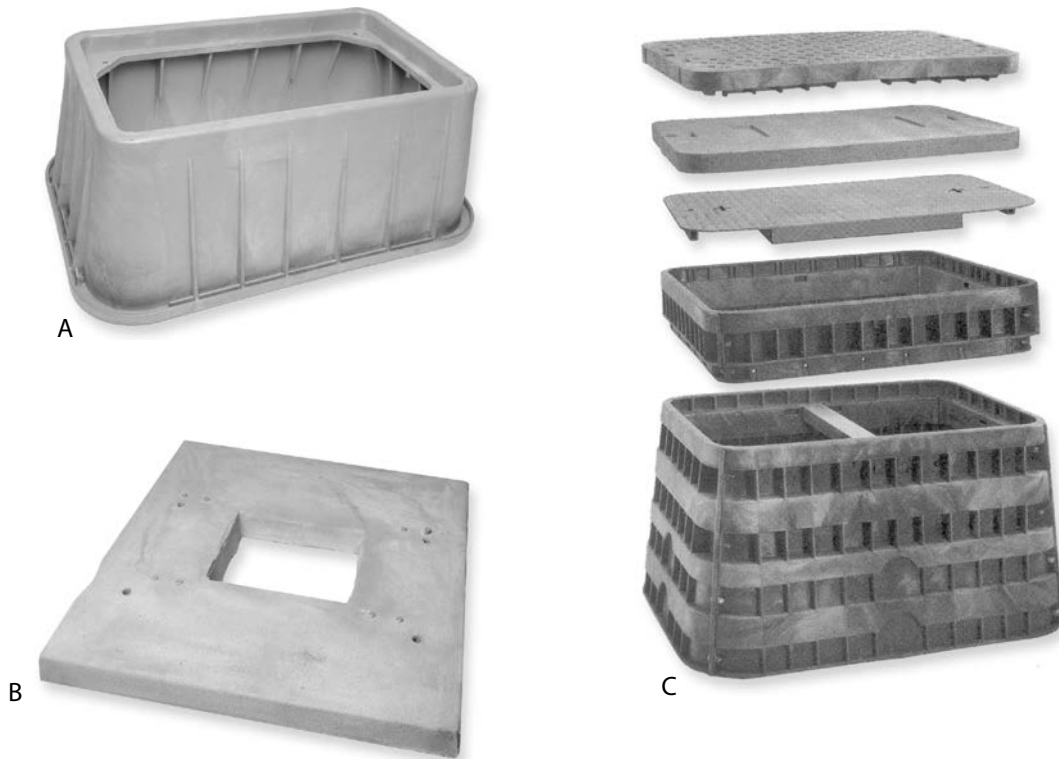
Stock ID	Description	Dimensions	Weight (lbs)	UOM
A. Vaults Only				
800-001-10	2436-18 HDPE Vault	24" x 36" x 18"	41	Each
800-003-10	1730-15 HDPE Vault	17" x 30" x 15"	24	Each
800-005-10	1730-18 HDPE Vault	17" x 30" x 18"	26.5	Each
B. Mounting Pad				
802-007-10	Pad for MQ-30 & MQ35 (C3040-3MP2)	30" x 40" x 3"	135	Each
802-008-10	Pad for MQ-36 & MQ35 (C3030-3MP33)	30" x 40" x 3"	135	Each
802-027-10	Pad for GM 3/4 & Narrow, GM 6/8 & Narrow, GM 3,4,6,8	36" x 36" x 3"	146	Each
802-011-10	Pad for Power Cabinet Concrete Pole	120" x 8" x 8"	650	Each
802-015-10	Pad for MPC-3 & MPC-6 (Internal Meter Enclosure)	48" x 36" x 3"	195	Each
802-017-10	Pad for FNC-2000 & 3000-5016 w/ inserts	42" x 42" x 3"	199	Each
C. Vaults And Lid Kits				
801-001-20	2436-18 HDPE Vault, Lid & Hardware, Light Duty, Gray	24" x 36" x 20"	55	Each
801-002-20	3636-18 HDPE Vault, Lid & Hardware, Light Duty, Gray	36" x 36" x 20"	71.5	Each
801-003-20	1730-18 HDPE Vault, Lid & Hardware, Light Duty, Green	17" x 30" x 20"	36.1	Each
801-005-20	1017-12 HDPE Vault, Lid & Hardware, Light Duty, Gray	10" x 17" x 14"	11	Each

MQ-B8 & MQ-B12
Battery Enclosure
Shown With Optional Equipment Installed

Base Enclosure
Standard enclosure is gray powder coat finish, optional colors are available. Please call Customer Service for more information. Enclosure includes 2 battery trays, drop in doors with locks.
Part No. 030-029-10
This enclosure has the capability to hold 8 group 24, 27, or 31 batteries.
Part No. 030-030-10
This enclosure has the capability to hold 12 group 27, 31 batteries or 16 group 24, 27, 31 batteries.
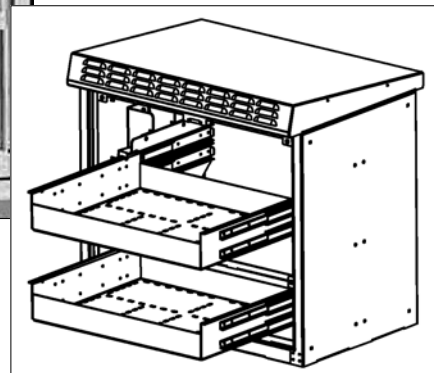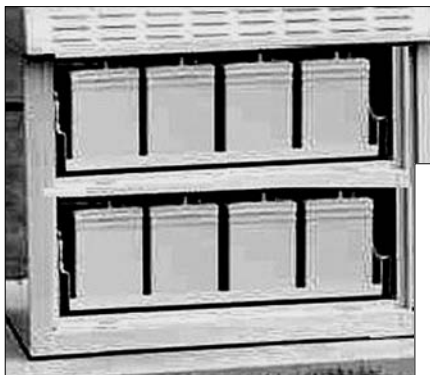
Part #	Description	UOM
030-029-10	Gray Battery Enclosure	Each
030-030-10	Gray Battery Enclosure	Each

Battery Enclosures - Standard

Part #	030-029-10	030-030-10
Model	MQ-B8	MQ-B12
Main Application	Battery Enclosure	Battery Enclosure
Overall Dimensions	30.3"H x 36"W x 23"D	30.3"H x 36"W x 23"D
Internal Relay Rack	-	-
Power Supply Shelf	-	-
Battery Shelf	X	X
Life Saver Venting	X	X
Drop-In Doors	X	X
Ground Lug	X	X
Fastening Brackets	-	-
Internal Straps	-	-
Group 24	8	16
Group 27 or 31	8	12
AC Service External	-	-
AC Service Internal	-	-

Standard Features Legend: "X" Standard equipment or feature provided in enclosure

Battery Enclosures - Options

| Part #	030-029-10	030-030-10
Model	MQ-B8	MQ-B12
Main Application	Battery Enclosure	Battery Enclosure
Overall Dimensions	30.3"H x 36"W x 23"D	30.3"H x 36"W x 23"D
Enclosure Fan Cooling	035-004-20 "EFC-1"	035-004-20 "EFC-1"
8-battery 30 Amp	874-004-20 "BWK-8"	874-004-20 "BWK-8"
12-battery 30 Amp	n/a	874-009-20 "BWK-12"
12-battery 30A Fused	n/a	874-010-20 "BWK-12F"

Battery Enclosure With Interior Service

MQ-35-IS (PS2-6) Power Supply Battery Enclosure With Interior Service
Shown With Optional Equipment Installed
Slack Storage Can Be Bolted Together W/ Power

Base Enclosure
Standard enclosure is gray powder coat finish, optional colors are available. Please call Customer Service for more information. Enclosure includes power supply shelf, battery tray, drop in doors with locks, and ground lug. This enclosure will accommodate interior service disconnect. This enclosure has the capability to hold **8** group 24 or 6 group 27 or 31 batteries.
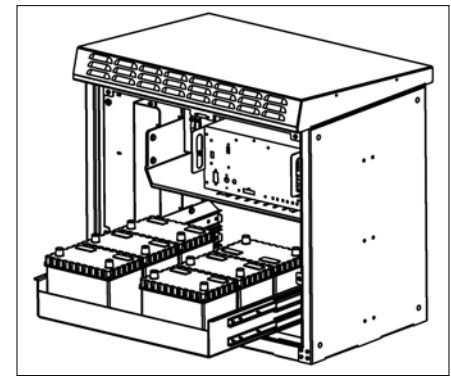
Part #	Description	Dimensions	UOM
030-044-10	Gray Power Supply Enclosure	36"W x 35.00"H x 23" D	Each

MQ-40-IS (PS2-6) Power Supply Battery Enclosure With Interior Service
Shown With Optional Equipment Installed
Base Enclosure
Base Enclosure-Standard enclosure is gray powder coat finish, optional colors are available. Please call Customer Service for more information. Enclosure includes power supply shelf, battery tray, drop in doors with 2 locks, rods to hang nodes & other system equipment from, 4 velcro straps to secure slack storage, and a ground lug. This enclosure has the capability to hold **8** group 24, 27, or 31 batteries.
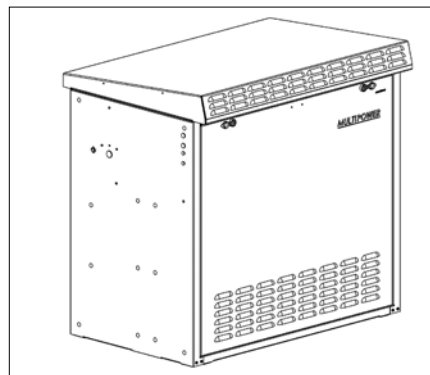
Please see options list and accessories page to specify components and other products you may need

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Standard MQ Enclosures - Standards

Part #	030-027-10	030-024-10	030-034-10	030-033-10	030-032-10	030-026-10	030-044-10	030-092-10
Model	MQ-PS2-4	MQ-PS2-6	MQ-PS2-8	MQ-PS2-12	MQ-PSN-4	MQ-PSN-8	MQ-35-IS	MQ-40
Main Application	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure	Power Supply, Battery & Fiber Node Enclosure	Power Supply, Battery & Fiber Node Enclosure	Power Supply & Battery Enclosure	Power Supply & Battery Enclosure
Overall Dimensions	30.3"H x 36"W x 23"D	30.3"H x 36"W x 23"D	36"H x 36"W x 25"D	36"H x 36"W x 25"D	36"H x 36"W x 25"D	36"H x 36"W x 25"D	35"H x 36"W x 23"D	40.7"H x 42"W x 25"D
Internal Relay Rack								
Power Supply Shelf	X	X	X	X	X	X	X	X
Battery Shelf	X	X	X	X	X	X	X	X
Life Saver Venting	X	X	X	X	X	X	X	X
Drop-In Doors	X	X	X	X	X	X	X	X
Ground Lug	X	X	X	X	X	X	X	X
Fastening Brackets					X	X		
Internal Straps					X	X		
Group 24	3 or 4	8	8	16	4	8	8	8
Group 27 or 31	3 or 4	6	6	16	4	8	6	6
AC Service External	X	X	X	X	X	X		X
AC Service Internal							X	

Standard MQ Enclosures - Options

Part #	030-027-10	030-024-10	030-034-10	030-033-10	030-032-10	030-026-10	030-044-10	030-092-10
Enclosure Fan Cooling	035-004-20	035-004-20	035-004-20	035-004-20	035-004-20	035-004-20	035-004-20	035-004-20

Standard Features Legend: "X" Standard equipment or feature provided in enclosure

Custom MQ Enclosures - Standards

Part #	030-053-10	030-031-10	030-075-10
Model	MQ-PS1-G	MQ-FRM	MQ-FRM
Main Application	Generator Storage	Fiber Rack Mount Enclosure	Fiber Rack Mount Enclosure
Overall Dimensions	36.16"H x 36"W x 23"D	36"H x 36"W x 25"D	36"H x 36"W x 25"D
Internal Relay Rack	-	10-32 rails	12-24 rails
Power Supply Shelf	-	-	-
Battery Shelf	-	-	-
Life Saver Venting	X	-	-
Drop-In Doors	X	-	-
Ground Lug	X	X	X
Fastening Brackets	-	-	-
Internal Straps	-	-	-
Group 24	-	-	-
Group 27 or 31	-	-	-
AC Service External	-	-	-
AC Service Internal	-	-	-
Standard Features Legend: "X" Standard equipment or feature provided in enclosure			

Custom MQ Enclosures - Options

| Part #	030-053-10	030-031-10	030-075-10
Model	MQ-PS1-G	MQ-FRM	MQ-FRM
Main Application	Generator Storage	Fiber Rack Mount Enclosure	Fiber Rack Mount Enclosure
Overall Dimensions	36.16"H x 36"W x 23"D	36"H x 36"W x 25"D	36"H x 36"W x 25"D
Enclosure Fan Cooling	035-004-20 "EFC-1"	035-004-20 "EFC-1"	035-004-20 "EFC-1"
120V, 20A Standard	n/a	035-001-10 "SQD-1"	035-001-10 "SQD-1"
120V, 20A Hi Inrush	n/a	035-001-11 "SQD-1HM"	035-001-11 "SQD-1HM"
240V, 20A 1 Outlet	n/a	035-002-10 "SQD-2"	035-002-10 "SQD-2"
240V, 20A Dual Outlet	n/a	035-009-10 "SQD-3"	035-009-10 "SQD-3"
120V, 20A Duplex	n/a	035-007-10 "DOK-1"	035-007-10 "DOK-1"
240V, 15A Duplex	n/a	035-008-10 "DOK-2"	035-008-10 "DOK-2"
High Brightness	n/a	035-003-10 "ELK-1"	035-003-10 "ELK-1"
Economy	n/a	035-015-10 "ELK-E"	035-015-10 "ELK-E"
Single Light	n/a	035-036-20 "SIL-E"	035-036-20 "SIL-E"

MQ Cabinet Options
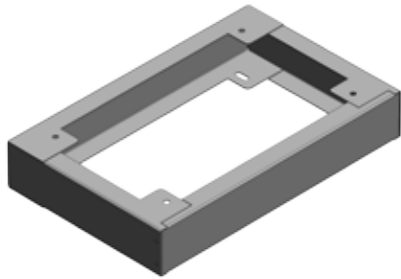
MQ30 Pedestals

Stock ID	744-173-P1
Model #	MQ30-PED36
Description	Pedestal Raises Enclosure 6" to a height of 36"
UOM	Each
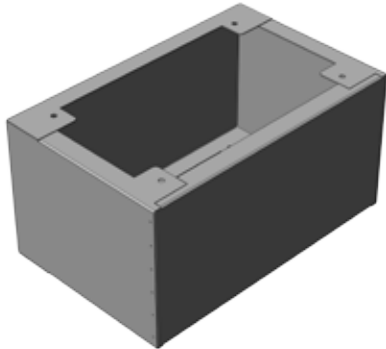
Stock ID	744-172-P1
Model #	MQ30-PED48
Description	Pedestal Raises Enclosure 18" to a height of 48"
UOM	Each
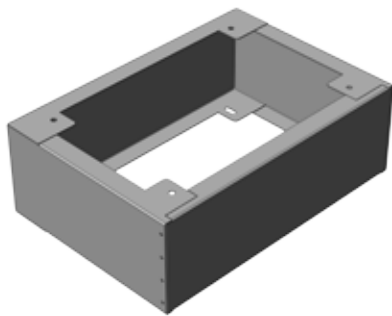
MQ36 Pedestal

Stock ID	744-170-P1
Model #	MQ36-PED48
Description	Pedestal Raises Enclosure 12" to a height of 48"
UOM	Each
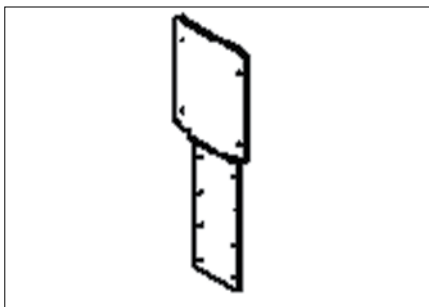
Cable Riser Kit

Stock ID	035-020-10
Model #	MQ-CRK-30
Description	Raises Meter Base to Required Height - MQ30
UOM	Each
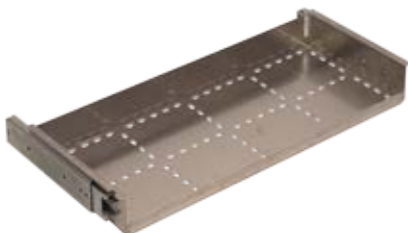
Patented Vented Battery Tray

Our patented vented battery trays provide precise and efficient air-flow to keep batteries within the optimum operating temperature range. Contact your sales person for more information.

Terms And Conditions Of Sale

<u>Price and Payment:</u> All prices, unless otherwise stated, are F.O.B. shipping point and are exclusive of any federal, state, local or other taxes. Any applicable taxes are the responsibility of the Purchaser and shall be added to the invoice unless MULTILINK is provided the appropriate, valid exemption certificate by Purchaser. All prices are subject to change without notice. Shipments of ten percent (10%) more or less than the order quantity constitute completed orders, unless previously agreed to by both Purchaser and MULTILINK.

<u>Invoices are payable in full within thirty (30) days following invoice date.</u> A discount of one percent (1%) is allowable on invoices paid within (10) days following invoice date: this discount also applies to those orders shipped C.O.D. or cash in advance. Invoices outstanding past thirty (30) days following invoice date will be subject to a late payment charge of one and one half percent (1-1/2%) per month. Failure to pay any invoice by its due date makes subsequent invoices due immediately regardless of the terms herein. MULTILINK may option to withhold subsequent shipments until the account in question is settled to MULTILINK'S satisfaction.

<u>Acceptance:</u> All orders subject to acceptance by MULTILINK. Once placed and accepted, any order may be cancelled only upon terms exempting MULTILINK against all loss with the consent of MULTILINK.

<u>Title and Risk of Loss:</u> Title and risk of loss on all material sold by MULTILINK shall pass to Purchaser upon delivery of said materials to a common carrier regardless of freight terms stated or method of payment of transportation charges.

<u>Transportation charges:</u> Most shipments are via United Parcel Service and are prepaid and billed; however, MULTILINK reserves the right to specify routing of shipments. Truck shipments will be made prepaid.

<u>Non-conformance return:</u> All materials sold by MULTILINK are non-returnable except for manufacturing defects. Upon receipt of materials, the customer will have 30 days to make a viable claim for non-conformance. Any material shown to MULTILINK'S satisfaction to be non-conforming at time of shipment will be replaced. MULTILINK will then render credit for the returned goods, provided MULTILINK shall not be responsible for claims beyond replacement value of the defective material. Before returning any material, Purchaser must obtain written material return authorization from MULTILINK.

<u>Express warranties:</u> MULTILINK warrants that the goods are free from any material defect in workmanship and materials under normal and proper usage for a period of one year from the date of shipment by MULTILINK. Purchaser acknowledges that no sample or model of the goods, nor any sales literature, proposals, projections, or engineering data regarding the goods are any part of the basis of the bargain between the parties. Purchaser has made, and relies solely upon, its own determination of the suitability, compatibility, performance, and uses of the goods, and acknowledges to MULTILINK that the Purchaser does not rely upon any oral or written representations or statements by MULTILINK regarding the goods, other than as expressly set forth in this Contract.

<u>Disclaimer of Implied Warranties:</u> IN ALL EVENTS, WITH RESPECT TO ALL GOODS SOLD, MULTILINK DISCLAIMS THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

<u>Limitation of Damages:</u> IF MULTILINK BREACHES OR REPUDIATES THIS CONTRACT BY REASON OF ANY DEFECT IN THE GOODS SOLD, THEN PURCHASER IS NOT ENTITLED TO, AND WAIVES ALL RIGHTS TO RECOVER, ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS. Purchaser has carefully considered this limitation and is willing to bear the entire defective.

<u>Purchaser's Exclusive Remedy:</u> IF MULTILINK BREACHES THE WARRANTY SET FORTH ABOVE, THEN PURCHASER'S SOLE AND EXCLUSIVE REMEDY IS TO DEMAND THAT MULTILINK, AT MULTILINK'S COST, REPAIR THE GOODS, OR REPLACE THE GOODS IF, AFTER A REASONABLE NUMBER OF ATTEMPTS, THEY CANNOT BE REPAIRED. In lieu of making any repair or replacement of the Goods, Multilink may elect to refund the total purchase price, in full satisfaction of all obligations owed to Purchaser by reason of such breach, in which case Multilink's duty to pay the refund will be conditioned upon Purchaser permitting Multilink to inspect and take possession of the Goods.

<u>Statute of Limitations:</u> The parties desire to reduce the period of limitations to one year. Accordingly, a party must commence a cause of action for a breach of this Contract, including a breach of warranty, within one year after the cause of action has accrued.

<u>Entire Agreement:</u> Any term or condition contained in Purchaser's purchase order, acknowledgement form, confirmation or any other document issued by Purchaser that conflicts with any term of this Contract, or that adds to MULTILINK'S obligations under this Contract, is not part of this Contract and is not binding upon MULTILINK unless specifically identified and accepted in writing by an officer of MULTILINK. This document, including any attachments, embodies the entire agreement of the parties as to the subject matter contained in this document.   There are no promises, terms, conditions, or obligations between the parties regarding the subject matter of this Contract other than those contained in this document, including any attachments. This Contract supersedes all previous communications, representations, or agreements, either verbal or written, between the parties, including any correspondence, proposals, quotes, brochures, samples, models, or specification sheets, or any other oral or written statements or representations made by any MULTILINK salesmen. Accordingly, the parties shall request that any court or tribunal called upon to consider and enforce this Contract strictly apply the "parol evidence" rule. No course of prior dealings between the parties and no usage of trade is relevant to supplement or explain any term of this Contract.

<u>Modification of Contract:</u> No amendment, modification, change or discharge of any term or provision of this Contract will be valid or binding on either party,

and no waiver of any of the terms of this Contract will be valid or binding on either party, unless it is in writing and signed by all of the parties; and with respect to MULTILINK, signed by an officer of MULTILINK.

<u>Non-Waiver:</u> Failure of MULTILINK or any of its agents or representatives to comply with any of the terms or conditions herein or failure to properly notify Purchaser of any breach of these conditions shall not be deemed a waiver of any right MULTILINK has to insist upon strict compliance of these terms and conditions in subsequent agreements.

<u>Force Majeur:</u> MULTILINK shall not be liable for any loss, damage, delay, change in shipment schedule or failure to deliver caused by accident, fire, strike, riot, civil commotion, insurrection, war, the elements, embargo, failure of carrier, inability to obtain transportation facilities, government requirements, acts of God or public enemy, previous commitments to customers or limitations on MULTILINK'S or its suppliers' products or marketing activities or any other cause or contingency beyond MULTILINK'S control.

<u>Freight Policy:</u> Orders are shipped via best method as determined by MULTILINK unless specified by the Customer. Freight bills will be prepaid if shipped via common carrier under the condition that freight bills will be paid in net 7 days per ICC regulations. MULTILINK reserves the right to charge a handling fee.

<u>Returns must be in original cartons,</u> in resell able condition, and sent prepaid. (If merchandise was shipped to customer via UPS, it must be returned via UPS). All returns must be made within a 60-day limit and are subject to a 25% restocking charge (Special order and custom orders are non-refundable).

<u>Claims for Shortages or Damages:</u> Claims must be made within seven days of invoice date. All freight damages and shortages should be filed with the carrier within seven days.

<u>Back Orders:</u> All back orders will be retained and shipped on arrival unless otherwise notified.

NO SALESMAN, DISTRIBUTOR, REPRESENTATIVE OR OTHER AGENT IS AUTHORIZED BY MULTILINK TO GIVE ANY WARRANTY OR GUARANTEE CONTRARY TO THE STATEMENTS MADE HEREIN.

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