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**PRODUCT**  
SOLUTIONS

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**2** <sup>SYNNEX</sup> **ECExpress**

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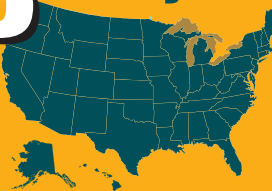
**6** **Cloud** Marketplace Enables resellers to **pursue a number of monthly recurring revenue opportunities**

**9** **FREE Pre-sales** Tech Support

*Free pre-sales **technical support** on many of our lines, no minimum amount of business required.*



**8** **Many Warehouse** locations in the U.S.



*Because SYNNEX knows the **product needs to be close** to be there on time.*

**10** Join a team with a **proven track record** of success. We're proud to be Legrand's **#1 IT distributor!**



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# ABOUT LEGRAND AND LEGRAND NORTH AND CENTRAL AMERICA

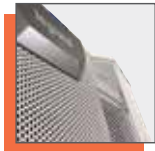
Legrand is a global specialist in electrical and digital building infrastructures. Its comprehensive offering of solutions for use in commercial, industrial, and residential markets makes it a benchmark for customers worldwide.

Within Legrand North and Central America, the Data Communications Division is a provider of complete end-to-end solutions with a range of copper, fiber, and audio/video connectivity, physical infrastructure, cable management and power solutions for data center and building network environments. This guide provides a highlight of the breadth of standard products and custom capabilities that enable Legrand to meet the demands of today and tomorrow's networks while simplifying specification, installation and management.



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# CABINET & CONTAINMENT SYSTEMS & SOLUTIONS

## LEGRAND'S CABINET OFFERING

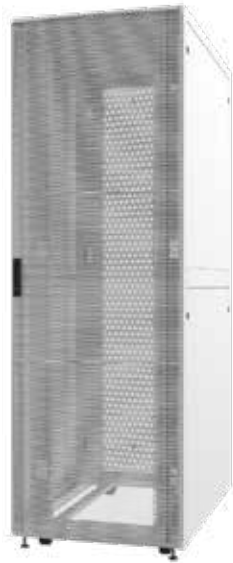
Legrand® cabinets are designed to support cable and airflow management while providing an effortless installation to meet all network and server requirements. Legrand designs and manufactures a full range of market-leading cabinets for small edge, enterprise, hyperscale, cloud, and colocation data centers. From the Q-Series value solution, to the most advanced configurable solutions, Legrand has a cabinet for almost any application. In addition, Legrand offers the expertise and capability to develop purpose-built solutions for any installation—exceeding the most stringent requirements.

### CABINET APPLICATIONS



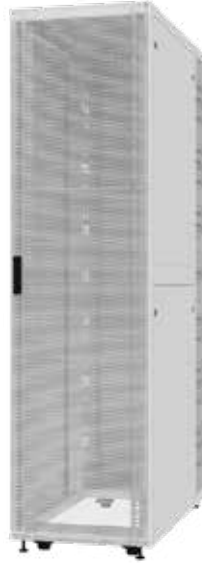
**LX-SERIES**

Enterprise



**T-SERIES**

Colocation  
Enterprise  
Hyperscale



**T6-SERIES**

Colocation  
Enterprise  
Hyperscale



**B-SERIES**

Colocation  
Broadcast  
Cable Headends  
Multiple-System  
Operators (MSO)



**Q-SERIES**

Colocation  
Edge



SIZES	LX-SERIES	T6-SERIES	T-SERIES	B-SERIES	Q-SERIES
Height (RU)	42, 45, 47, 52	42, 45, 48, 51	42, 45, 48, 51	24, 42, 45, 48, 50	42
Depth (Frame Only)	33", 39", 45"	42", 48"	42", 48"	30.9", 36.1", 42", 48"	39.4" (1000mm)
Depth (With doors)	36.1", 42.1", 48.1"	45.9", 51.9"	45.9", 51.9"	32.9", 38.1", 44", 50"	41.8"
Width	24", 30", 32"	24"	24", 30", 31.5"	22", 24", 26", 30"	23.6", 29.5" (600mm, 750mm)
FEATURES	LX-SERIES	T6-SERIES	T-SERIES	B-SERIES	Q-SERIES
Static Load Capacity	3,000 lbs	4,000 lbs	4,000 lbs	3,000 lbs	3,000 lbs
Load (On Casters)	2,250 lbs	3,000 lbs	3,000 lbs	2,250 lbs	2,250 lbs
Construction	Fully Welded	Tubular, Fully Welded	Tubular, Fully Welded	Fully Welded	Welded and Bolted
Rack & Stack Capable		✓	✓		
Ready-ship		✓			✓
ASCE-7 SEISMIC	✓			✓	
UL2416 Listed	✓			✓	✓
ROHS Compliant	✓	✓	✓	✓	✓
Black	✓	✓	✓	✓	✓
White	✓	✓	✓	✓	
Configurable	✓	✓	✓	✓	
EIA Mounting Rails	.375" Square Hole or #12-24 Tapped Style	.375" Square Hole	.375" Square Hole or #10-32 Tapped Style	.375" Square Hole or #10-32 Tapped Style	.375" Square Hole
Tool-less Features	✓				
Electronic Locks	✓	✓	✓	✓	
CABLE MANAGEMENT	LX-SERIES	T6-SERIES	T-SERIES	B-SERIES	Q-SERIES
Front-to-Rear Cable Management	✓		✓	✓	
Overhead Mini Rack	✓				
Vertical Managers With Fingers	✓		✓	✓	
PDU Lacing Bars/ Cable Managers	✓	✓	✓	✓	✓
Horizontal Cable Management	✓	✓	✓	✓	✓
Overhead Cable Management	✓		✓	✓	
Cabling Spacer Frames				✓	
AIRFLOW MANAGEMENT	LX-SERIES	T6-SERIES	T-SERIES	B-SERIES	Q-SERIES
Chimney System	✓				
Bottom Panels	✓	✓	✓	✓	
Air Dam Kit	✓	✓	✓	✓	✓
Filler Panels	✓	✓	✓	✓	✓
OptiCool® Ready	✓			✓	
Baffles for Side-Breathing Equipment	Front-to-Rear, Side Cars				
Cool-Breeze Rail Option for Side-Breathing Equipment			✓		

# LX-SERIES

## Environment: Enterprise Data Centers

The LX-Series cabinet system is the premium enterprise solution designed to address the most demanding data center applications with superior cable and thermal management. The LX-Series is engineered to seamlessly integrate with all Legrand products providing simplified access, engineered integration with copper and fiber connectivity, power, overhead cable pathways, and aisle containment to maximize network uptime.

### Quick Specs:

Widths (in): 24, 30, 32

Heights (RU): 42, 45, 47, 52

Frame Depths (in): 33, 39, 45

Static Load Capacity (lbs): 3,000

### Application/Select if you are looking for:

- Highly configurable, feature-rich platform for a purpose-built solution
- Cabinet level airflow management, including a chimney option
- Side-breathing network switch cooling baffles
- Versatile cable management with 4" or 6" fingers, spools, and bend-limiting clips
- Tool-less options to reduce labor time for moves, adds, or changes (MACs)
- Flexible solution to meet the needs of challenging applications

### Key Features:

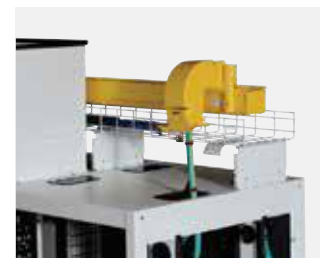
- 3,000 lbs static/2,250 lbs rolling load rating
- Fully welded frame construction, Opticool® ready
- UL2416 listed and tested performance for weight loads, bonding, and safety
- ASCE-7 seismic tested and qualified
- RoHS compliant
- Perforated front door provides up to 82.6% maximum vented surface area
- Cable management pathways from front-to-rear and side-to-side
- Tool-less, two-piece, reversible top panels, hinged side panels, air dams, blanking panels, overhead Cablofil® brackets, and chimney options
- Baffles for front-to-rear or side car airflow management
- Security lift-off hinges on doors with optional electronic door locks
- Durable powder coat finish – black or white



ADJUSTABLE OVERHEAD BRACKETS



FRONT-TO-REAR CABLE MANAGEMENT



TOP PANELS

# T6-SERIES

## Environment: Colocation, Enterprise, and Hyperscale Data Centers

The T6-Series server cabinet is designed to address the challenges associated with high density server applications including cable management, airflow and load capacity. The fully welded, 6-post, tubular frame has a static load capacity of 4,000 pounds and a dynamic load capacity of 3,000 pounds, making it ideal for Rack & Stack applications. Adding an extra pair of vertical, tubular posts toward the rear of the frame creates a recessed “cable channel” area for cable management and PDU mounting. The cable channel allows for maximum utilization of “zero U” space within the cabinet. The integrated Power Cable Managers (PCM), are welded into each side of the frame between the rear and middle posts—providing a highly configurable mounting area that can be accessorized to support PDUs, power cables and network cables. The narrow profile and optional airflow management accessories for the T6-Series ensure that air flows through the servers—not around them.

### Quick Specs:

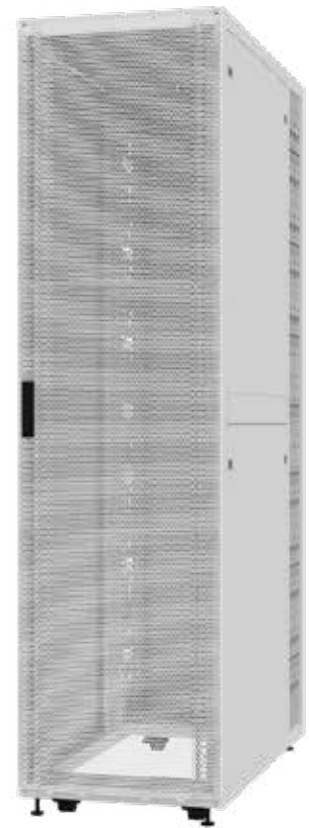
Width (in): 24  
Heights (RU): 42, 45, 48, 51  
Frame Depths (in): 42, 48  
Static Load Capacity (lbs): 4,000

### Application/Select if you are looking for:

- 24” wide, heavy duty cabinet
- High availability and can be shipped in days from distribution centers on the East and West Coast in select sizes
- Rack & Stack ready to travel long distances fully populated with IT equipment
- Tubular construction for heavy duty applications

### Key Features:

- 4,000 lbs static/3,000 lbs dynamic load rating
- Fully welded, 6-post, tubular frame construction
- RoHS compliant
- Ideal for Rack & Stack projects
- Perforated doors provide up to 80% open area
- Recessed cable channel area for zero U cable management and PDU mounting
- Solid top panel with cable entry access with brushes included
- Narrow profile and optional airflow management accessories ensure air flow through equipment—not around it
- Optional electronic door locks
- Integral Power Cable Manager (PCM) – 6” in 42” deep cabinets and 8” in 48” deep cabinets
- Durable powder coat finish – black or white



6-POST TUBULAR FRAME

# T-SERIES

## Environment: Colocation, Enterprise, and Hyperscale Data Centers

The T-Series cabinets are designed for applications that require an extremely robust and durable enclosure solution. T-Series is built on a fully welded, tubular steel frame providing for a static load rating of 4,000 pounds. With a dynamic load rating of 3,000 pounds, the T-Series is ideal for “Rack & Stack applications” in which cabinets are loaded with equipment off-site and rolled into place fully configured. Legrand offers a wide variety of airflow and cable management accessories that may be factory configured to your exact specifications, or shipped separately for field installation. Choose from a wide variety of door, top panel, and side panel options to configure the cabinet solution that best fits your installation—be it a server rack or network cabinet.

### Quick Specs:

Widths (in): 24, 30, 31.5

Heights (RU): 42, 45, 48, 51

Frame Depths (in): 42, 48

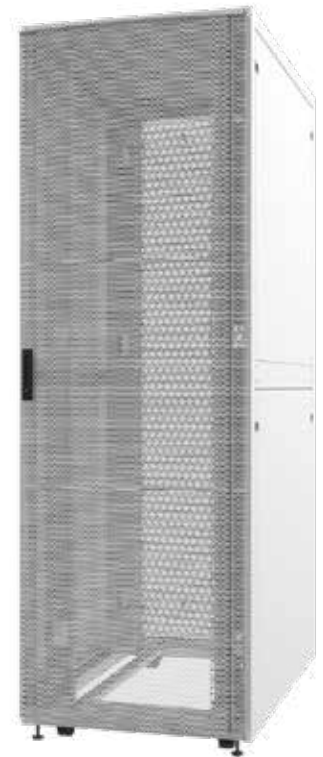
Static Load Capacity (lbs): 4,000

### Application/Select if you are looking for:

- Rack & Stack ready to travel long distances fully populated with IT equipment
- Managed airflow for side-breathing equipment - Cross-Breeze Rail Option
- Configured to order with multiple options for the type of mounting rails, cable management options and passive airflow solutions
- Tubular construction for heavy duty applications

### Key Features:

- 4,000 lbs static/3,000 lbs dynamic load rating
- Fully welded, tubular frame construction
- RoHS compliant
- Ideal for Rack & Stack projects
- Perforated doors provide up to 80% open area
- Variety of cable management options that may be factory configured to exact specifications
- Top and side panel options to configure the cabinet that best fits each installation
- Cross-breeze rail system solution with tool-less, movable air baffles to regulate airflow from the side cutouts in the rails themselves
- Optional electronic door locks
- Available Power Cable Managers (PCM)
- Durable powder coat finish black or white



CROSS-BREEZE RAILS  
WITH BAFFLE KIT AND TROUGH



# RACK & STACK PACKAGING SOLUTION FOR T6 AND T-SERIES

## Environment: Colocation and Hyperscale Data Centers

Designed for shipping with equipment loaded, our T6 and T-Series cabinet platforms may be paired with our Rack & Stack package solution making them perfect for integrators who offer services in colocation and hyperscale data centers.

The Rack & Stack packaging solution has been tested to ISTA 3B for a 3,000 pound dynamic load capacity and is available with everything needed to ship a fully loaded cabinet.

### Rack & Stack Components:

- Shock pallet
- Anchor brackets
- Loading ramp
- Reusable corrugated packaging sleeve

### Key Features:

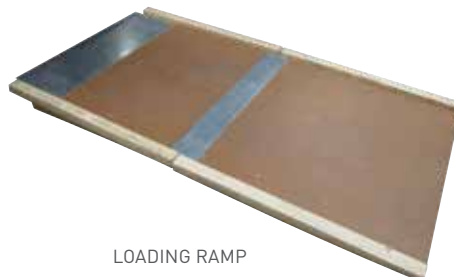
- T6 and T-Series compatible
- ISTA 3B tested to 3,000 lbs
- 2-piece ramps for easier handling
- Anchor brackets designed to lift weight off of casters during shipping



REUSABLE CORRUGATED PACKAGING SLEEVE



SHOCK PALLET



LOADING RAMP



ANCHOR BRACKETS

# B-SERIES

## Environment: Broadcast, Cable Headends, Content Delivery and Multiple-System Operators (MSO)

B-Series equipment cabinets are the ideal foundation to keep pace within continually evolving broadcast and cable headend environments. The B-Series equipment cabinets provide an adaptable, robust platform to manage ever-changing hardware, power, grounding, isolation, cabling, and thermal issues associated with new technologies. Full radius edges on top and bottom of B-Series frames protect cables from damage while providing safe, direct cable pathways into the cabinets. The innovative internal and external cable management were designed with total flexibility in mind, including cable tray and overhead cable ladder Unistrut® interface kits.

### Quick Specs:

Widths (in): 22, 24, 26, 30

Heights (RU): 24, 42, 45, 48, 50

Frame Depths (in): 30.9, 36.1, 42, 48

Static Load Capacity (lbs): 3,000

### Application/Select if you are looking for:

- Designed for the Cable/Broadcast/MSO industry
- Requirement for a cabinet with a 22" width
- Flat bottom for direct anchoring to floor without levelers
- Accessories for sub-floor bases, riser bases

### Key Features:

- 3,000 lbs static/2,250 lbs rolling load rating
- Fully welded frame construction
- Tested to UL2416 for weight loads, bonding, and safety
- ASCE-7 seismic tested
- RoHS compliant
- Base solutions for concrete and raised floors
- Cable management spacer frames for managing cables between cabinets or at the end of a row
- Optional electronic door locks
- Integrated grounding and isolation offerings
- Facility interface solutions for anchoring and cabling
- Durable powder coat finish – black or white



UNISTRUT® OVERHEAD CABLE LADDER SUPPORT



FORMED CABLE ENTRY EDGES

# Q-SERIES

## Environment: Colocation, Edge Data Centers and Building Networks

The Q-Series cabinets deliver solid performance at an economical price. These cabinets are ideal for a wide range of applications from small IT installs, to colocation or data center facilities—where price and quick delivery are primary decision drivers. These pre-configured cabinets come completely assembled.

### Quick Specs:

Widths (in/mm): 23.6/600, 29.5/750

Height (RU): 42

Frame Depth (in/mm): 39.3/1000

Static Load Capacity (lbs): 3,000

### Application/Select if you are looking for:

- Economical prices and stock availability for installs with tight deadlines
- 42U pre-configured option that meets your requirements
- A single cabinet addition to an existing install for a move, add, or change (MAC)

### Key Features:

- 3,000 lbs static/2,250 lbs rolling load rating
- Welded and bolted frame construction
- UL2416 listed and tested performance for weight loads, bonding, and safety
- RoHS compliant
- 2-piece side panels for easy access
- Blanking panels and side cover/air dam (750mm cabinet only) available for airflow management
- Fully adjustable mounting rail depth with front-to-rear rail spacing indicators
- Available in stock, non-configurable 600mm and 750mm widths
- Durable powder coat finish – black



PART NO.	DESCRIPTION
QC422442	Q-Series Pre-Configured Server Cabinet (42U x 600mm x 1063mm)
QC422942	Q-Series Pre-Configured Network Cabinet (42U x 750mm x 1063mm)
QC4229SCR	Q-Series Side Cover/Air Dam with Cable Rings for 42U x 750mm Cabinet

# BUILD-TO-ORDER (BTO)

## Environment: Hyperscale Data Centers

Build-to-Order or BTO cabinets provide a unique solution for applications that require engineering services. Legrand can provide full engineering support and collaboration to create a purpose-built design to meet the needs of any data center application. Our in-house CAD design capabilities and automated, cellular manufacturing facilities allow us to provide specialized products at competitive prices, with aggressive lead times.

### Application/Select if you are looking for:

- A highly customized solution to solve a particular problem
- An aesthetically differentiated racking solution ("white labeling" is available)
- Specific requirements of the application that are not met by an "off-the-shelf" product

### Key Options:

- Height, width and depth
- Cable management or custom entry locations
- Tapped or square hole mounting rails
- Airflow and thermal management
- Pre-integration for PDUs
- Integrated designs to support containment or overhead cabling
- Color options



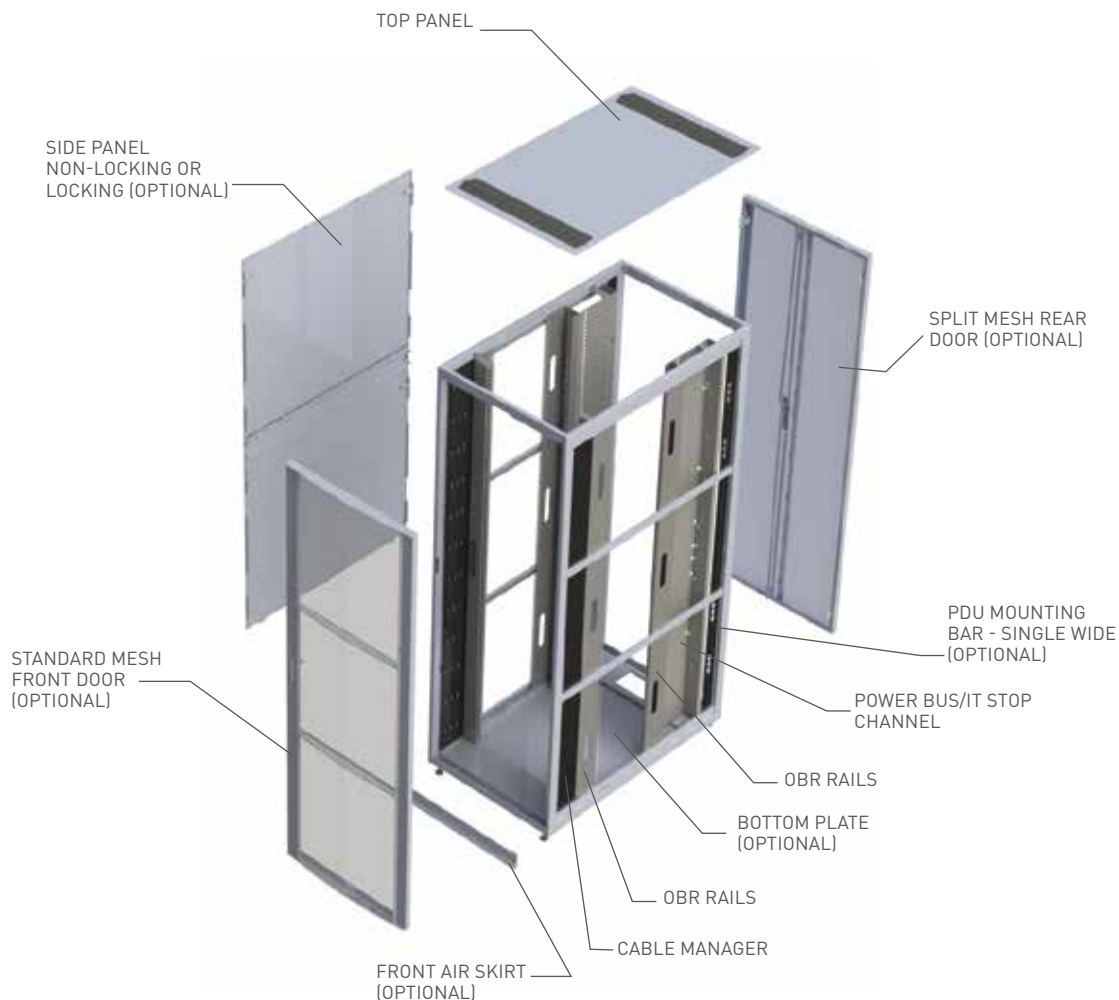
# OPEN PLATFORM SOLUTIONS

## Environment: Colocation, Enterprise, and Hyperscale Data Centers

Purpose-built solutions for deployments in “open platform” environments that satisfy the guidelines of some hyperscale or big data companies. Legrand provides cabinet solutions that are built based on Open 19 or Open Compute Project (OCP) principles. Our engineering and manufacturing capabilities also enable us to assist in the design and fabrication of modified, transitional, and hybrid solutions that bridge the gap between traditional 19” EIA and Open Compute principle solutions.

### Application/Scenarios:

- “No frills” solutions for open platform environments
- Hyperscale, high volume, standardized applications
- Suited to deploy backplane/buss-bar power solution, and shelf or card/cage servers



Sample cabinet designed around OCP principles shown with optional components.

# VERTICAL WALL-MOUNT CABINETS

## Environment: Edge Data Centers, and Building Networks

The Vertical Wall-Mount (VWM) Series wall-mount cabinets offer the most versatile solution for edge computing in a small form factor. The low-profile design positions large, rack mount equipment vertically, while allowing access for upgrades, refreshes and adds/drops. The extensive offering of accessories allows a single cabinet to support not only 4RU or 8RU of fixed rack mount equipment, but also additional space for network connectivity mounting both vertically and horizontally. The VWM series is available in two distinct versions—full door and split door—for dual user access, and both feature locking doors for PCI compliance. The VWM series cabinet is capable of housing a complete network, including up to 8RU of traditional rack mount equipment, power, thermal management and connectivity. Deploy the cabinet for a low-profile, edge solution that can support any application.

### Application/Scenarios:

- Support Edge, IoT, PoE and small network applications
- Mount deep equipment off the floor in a minimal footprint
- Computing equipment housed in a non-traditional computing space

### Key Features:

- Equipment mounts vertically for maximum space savings
- Accepts rack mount equipment up to 37"
- UL2416 listed and tested for a load rating of up to 150 lbs
- Full door or split door options



### VERTICAL WALL MOUNT CABINETS

PART NO.	HEIGHT	DEPTH	RAIL TYPE	DOOR TYPE	OPTIONAL RAIL ACCESSORY MOUNTING
VWMFD-4RU-36-B	36"	12"	4RU, Fixed	Full	2RU/4RU Pivoting, 4RU Fixed
VWMFD-8RU-36-B	36"	18"	8RU, Fixed	Full	2RU/4RU Pivoting, 4RU/8RU Fixed
VWMSD-4RU-36-B	36"	12"	4RU, Fixed	Split	2RU/4RU Pivoting, 4RU Fixed
VWMSD-4RU-42-B	42"	12"	4RU, Fixed	Split	2RU/4RU Pivoting, 4RU Fixed
VWMSD-8RU-36-B	36"	18"	8RU, Fixed	Split	2RU/4RU Pivoting, 4RU/8RU Fixed
VWMSD-8RU-42-B	42"	18"	8RU, Fixed	Split	2RU/4RU Pivoting, 4RU/8RU Fixed

### RAIL ACCESSORIES

PART NO.	DESCRIPTION	USED WITH 4RU CABINET	USED WITH 8RU CABINET
VWM-RR-4RU	Fixed Mounting Rail Kit, 4RU	●	●
VWM-RR-8RU	Fixed Mounting Rail Kit, 8RU		●
VWM-PIV-2RU	Pivoting Mounting Rail Kit, 2RU	●	●
VWM-PIV-4RU	Pivoting Mounting Rail Kit, 4RU	●	●
VWM-SERV-4RU	Server Rail Kit, 4RU	●	●
VWM-SERV-8RU	Server Rail Kit, 8RU	●	●

### ACCESSORIES

PART NO.	DESCRIPTION
VWMZRU-B	Zero RU Patch Panel Mounting Kit
VWMFK-115	VWM Fan Kit with 115 VAC Fans (Includes 2 Fans and Mounting Hardware)
VWMFK-12VDC	VWM Fan Kit with 12 VDC Fans (Includes 2 Fans and Mounting Hardware)
VWMFK-220	VWM Fan Kit with 220 VAC Fans (Includes 2 Fans and Mounting Hardware)
VWMBGK	VWM Top Brush Grommet Kit
VWMBPLL	VWM Back Pan Lever Lock™ Assembly Kit
VWMFDLL-36S	VWM Front Door Lever Lock™ for 36" Split Door
VWMFDLL-36F-42S	VWM Front Door Lever Lock™ for 36" Full and 42" Split Door
VWMGR-30	Circular Knockout Grommet Kit



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# SWING-OUT WALL-MOUNT CABINETS

## Environment: Edge Data Centers, and Building Networks

The Swing-Out Wall-Mount (SWM) and Swing-Out Wall-Mount Ruggedized (SWMR) Series wall-mount cabinets provide a convenient and easy-to-use solution for edge, IoT, PoE and small network applications. The small form factor cabinets are 28" deep for medium to large network equipment. The cabinets are made of rugged welded steel and feature locking doors for PCI compliance in retail applications. The hinged, swing-out middle section provides easy access to the rear of mounted equipment. The SWMR series feature a ruggedized latch and ruggedized hinges to accommodate heavier weight loads. The SWM and SWMR series cabinets are perfect for secure networks, small data closets, retail, educational, edge computing, and all areas where floor space is at a premium.

### Application/Scenarios:

- Support Edge, IoT, PoE and small network applications
- Locking doors allow support of PCI applications in retail spaces
- Mount equipment in high-density environments without occupying floor space
- Computing equipment housed in a non-traditional computing space

### SWM Cabinet Key Features:

- UL2416 listed and tested
- Welded steel construction
- Deep footprint for mounting up to 23.5" deep equipment
- Options for solid, plexiglass, or perforated door

### SWMR Cabinet Key Features:

- UL2416 listed and tested
- Welded, reinforced steel construction
- Deep footprint for mounting up to 23.5" deep equipment
- Options for solid, plexiglass, or perforated door
- Ruggedized swing-out hinges
- Ruggedized door latch

### SWM Quick Specs:

Width (in): 26  
Heights (RU): 12, 18  
Overall Depth (in): 28  
Static Load Capacity (lbs): 125, 150



### SWMR Quick Specs:

Width (in): 26  
Heights (RU): 12, 18, 26  
Overall Depth (in): 28  
Static Load Capacity (lbs): 250, 325, 350



# SWING-OUT WALL-MOUNT CABINETS

## SWING-OUT VERTICAL WALL MOUNT CABINETS

PART NO.	HEIGHT	RAIL TYPE	DOOR TYPE	LOAD RATING	DESCRIPTION
SWM12RUPL-26-26	25"	12RU	Plexiglass	125 lbs	Swing-Out Cabinet, 12RU, Plexiglass Door
SWM12RUPD-26-26	25"	12RU	Perforated	125 lbs	Swing-Out Cabinet, 12RU, Perforated Door
SWM18RUPL-26-26	35.5"	18RU	Plexiglass	150 lbs	Swing-Out Cabinet, 18RU, Plexiglass Door
SWM18RUPD-26-26	35.5"	18RU	Perforated	150 lbs	Swing-Out Cabinet, 18RU, Perforated Door

## RUGGEDIZED SWING-OUT VERTICAL WALL MOUNT CABINETS

PART NO.	HEIGHT	RAIL TYPE	DOOR TYPE	LOAD RATING	DESCRIPTION
SWMR12RUSD-26-26	25"	12RU	Solid	225 lbs	Swing-Out Cabinet, Ruggedized, 12RU, Solid Door
SWMR12RUPL-26-26	25"	12RU	Plexiglass	225 lbs	Swing-Out Cabinet, Ruggedized, 12RU, Plexiglass Door
SWMR12RUPD-26-26	25"	12RU	Perforated	225 lbs	Swing-Out Cabinet, Ruggedized, 12RU, Perforated Door
SWMR18RUSD-26-26	35.5"	18RU	Solid	325 lbs	Swing-Out Cabinet, Ruggedized, 18RU, Solid Door
SWMR18RUPL-26-26	35.5"	18RU	Plexiglass	325 lbs	Swing-Out Cabinet, Ruggedized, 18RU, Plexiglass Door
SWMR18RUPD-26-26	35.5"	18RU	Perforated	325 lbs	Swing-Out Cabinet, Ruggedized, 18RU, Perforated Door
SWMR26RUSD-26-26	49.5"	26RU	Solid	350 lbs	Swing-Out Cabinet, Ruggedized, 26RU, Solid Door
SWMR26RUPL-26-26	49.5"	26RU	Plexiglass	350 lbs	Swing-Out Cabinet, Ruggedized, 26RU, Plexiglass Door
SWMR26RUPD-26-26	49.5"	26RU	Perforated	350 lbs	Swing-Out Cabinet, Ruggedized, 26RU, Perforated Door

## RAIL ACCESSORIES

PART NO.	DESCRIPTION	USED WITH CABINET
SWMRK12RU	Vertical Rail Kit, 12RU, 12-24 Threaded Holes	SWM12RUXX-26-26, SWMR12RUXX-26-26
SWMRK18RU	Vertical Rail Kit, 18RU, 12-24 Threaded Holes	SWM18RUXX-26-26, SWMR18RUXX-26-26
SWMRK26RU	Vertical Rail Kit, 26RU, 12-24 Threaded Holes	SWMR26RUXX-26-26

## ACCESSORIES

PART NO.	DESCRIPTION
SWMPDU12RU	PDU Mounting Kit, 12RU
SWMPDU18RU	PDU Mounting Kit, 18RU
SWMPDU26RU	PDU Mounting Kit, 26RU
SWMVFK12RU	Cable Management Kit, 12RU, Qty 2 Rails
SWMVFK18RU	Cable Management Kit, 18RU, Qty 2 Rails
SWMVFK26RU	Cable Management Kit, 26RU, Qty 2 Rails
SWMFSK	Fiber Spool Mounting Kit
SWMHBM12	Horizontal Mounting Bracket Kit, 2RU
SWMCASKT	Caster Mounting Kit
SWMRRCVR	Rear Cover Kit

# CONTAIN-IT™ FLEX CONTAINMENT

## Environment: Colocation, Enterprise, and Hyperscale Data Centers

All data centers require proper airflow management for maximum efficiency and reliability, but each data center has a unique set of parameters. Legrand's Contain-IT FLEX containment adapts to meet all requirements, whether in a greenfield or brownfield installation. Contain-IT FLEX containment was designed to maximize efficiency while creating a predictable operating environment that ensures maximum reliability of the equipment. With airflow integrity greater than 97.5% for twin-wall solutions, bypass airflow and recirculation are virtually eliminated—helping to mitigate over temperature alarms or equipment shut downs due to thermal overload.

### Applications/Scenarios:

- Hot or cold aisle containment
- Vertical or horizontal containment
- Dynamic/changing environment that requires re-configuration and re-use of parts
- Exact field measurements are not available
- Field cut on site to real-time site conditions

### Key Features:

- Increased energy efficiency and equipment reliability
- Stocked parts available to keep installation on track
- Work arounds for city-scape aisles/gaps between cabinets
- Accommodates cable tray pass-throughs or odd building features
- Re-purpose components for moves, adds, or changes (MACs)
- Qualify for up to 13 LEED points



### The Solution Offers:

- Standard stock parts for fast delivery
- Black beam color only (doors are available in white or black)
- Mount from ceiling (threaded rod), cabinets or Cablofil
- Modular design adapts to varying field conditions
- Soft touch allows for snow load
- Snap-to-fit for ease of installation
- Same parts support horizontal or vertical installs
- Single part number aisle kits available
- Pre-configured aisle sizes
  - Horizontal: 15, 20, 30 and 40 foot aisle lengths for up to a 4 foot width
  - Vertical: 8 foot height with 15, 20, 30 and 40 foot aisle lengths
- Ability to support 8 pounds per linear foot of auxiliary equipment
- Drop-away horizontal containment panels
- End of row doors

# HARD WALL CONTAINMENT

## Environment: Colocation, Enterprise, and Hyperscale Data Centers

Legrand's engineered to order aisle containment systems provide a full complement of airflow management accessories and cable management accessories to deliver more customization and control for any data center infrastructure need. Our industry-leading designs provide exceptional performance and ensure valuable IT assets are housed in the best possible environment. Our hot aisle and cold aisle containment solutions are constructed to deliver strength and flexibility.

### Applications/Scenarios:

- Accurate field measurements are available
- Environment is mostly static with few moves, adds, or changes (MACs)
- Minimal field cutting required/desired
- Engineered built-to-order panels
- Clear polycarbonate overhead panels
- Retrofit or new construction
- Cold aisle containment solutions
- Hot aisle containment solutions

### Key Features:

- Panels are built-to-order based on specific site measurements, minimizing site cutting/modifications to speed up installations
- Conserve energy and lower cooling costs by managing airflow in the data center
- Minimize cost and lead time by leveraging our in-house engineering and manufacturing resources
- Exact fit of application needs with a full suite of options for panels and doors for ceiling-supported, floor-supported, and cabinet-supported solutions



### The Solution Offers:

- Overhead panels
- End of row doors
  - Single sliding
  - Dual sliding
- Ceiling-supported panels
- Cabinet filler panels
- Drop-away roof panels
- Clear polycarbonate panel options
- Color options on partition panel framing

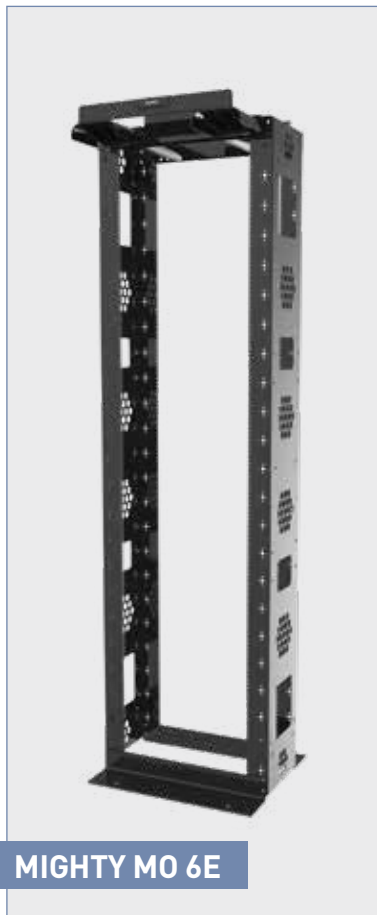
# RACK SOLUTIONS

Legrand® network and server racks are engineered with cable management and installation efficiency as the basis of their design. Our rack systems include the Mighty Mo® family of racks and our Q-Series standard EIA line, providing the variety of rack choices to meet the needs of every installation. No other systems make it easier to install a network with standards-compliant bend radius, cable routing and strain relief—ensuring optimal network performance.



**MIGHTY MO 20**

- Data Center
- Telco Room
- Data/Computer Closets
- IDF/MDF
- Facilities
- Building Networks



**MIGHTY MO 6E**

- Telco Room
- Data/Computer Closets
- IDF/MDF
- Facilities
- Building Networks



**Q-SERIES**

- Data/Computer Closets
- IDF/MDF
- Facilities

# RACK COMPARISON GUIDE

RACKS

VERTICAL MANAGERS

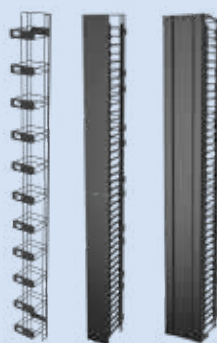
PRICE

LOAD CAPACITY

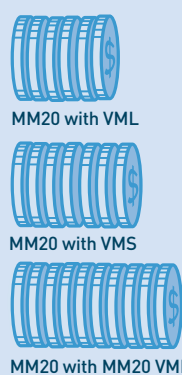
## MIGHTY MO<sup>®</sup> 20



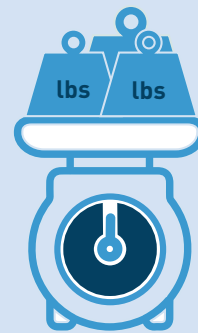
MM20 Channel Rack    4-Post Rack



VML    VMS    VMD



MM20 with VML  
MM20 with VMS  
MM20 with MM20 VMD



2000 lbs

## MIGHTY MO<sup>®</sup> 6E



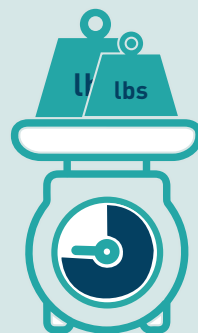
MM6E Rack



QVMS    VMD



★ Best Value ★  
MM6E Rack with QVMS  
MM6E Rack with MM6 VMD



1500 lbs

## Q-SERIES



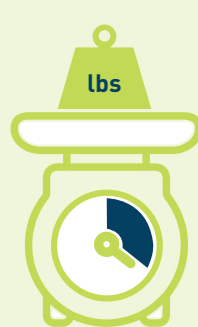
2-Post Rack    4-Post Rack



DVMS    QVMD



Q-Series with Standard DVMS  
Q-Series with Q-Series VMD



750 lbs

# MIGHTY MO<sup>®</sup> 20 CABLE MANAGEMENT SYSTEM

The Legrand<sup>®</sup> philosophy of providing cutting edge innovations was demonstrated when they introduced the very first Mighty Mo cable management rack to the market. Since that time, Legrand engineers have capitalized on their knowledge of high performance copper and fiber networks to develop the network support solutions we now call "Physical Support."

Today, in addition to the Legrand high-performance copper and fiber structured cabling systems, Legrand solutions encompass the entire physical infrastructure that supports your network, including racks, cabinets, advanced cable management, pathway solutions, under floor and overhead systems. By recognizing the importance of the underlying infrastructure layer and emphasizing best practices in pathway and physical support design, a new level of stability can be created for the network.



## Features:

- 42 different sizes in black or white
- Channel and 4-Post versions up to 9 feet
- Bend limiting clips provide 180° protection
- Mounting brackets for both Cablofil<sup>®</sup> tray and runway
- Available 6" tall brackets improve cable transition
- Deeper vertical managers with up to 40% more room
- Channel rack depths up to 30" for improved capacity
- Improved hex pattern on all channel racks
- Larger vertical managers reduce cable obstruction



## GREATER FLEXIBILITY

Anticipate the next generation of network requirements with products that grow with changing demands to offer flexibility across any size network.

- Large selection of channel and 4-post racks
- Vertical managers from 4" to 16" wide
- Snap on 180° bend limiters create fiber "compliant" vertical management
- Innovative "universal cable troughs" make front to rear routing of cables between racks simple

## OPTIMUM EFFICIENCY

Maximize your network performance with better cable and thermal management. Mighty Mo 20 solutions protect your cabling and improve your network and energy efficiency with innovative rack and baffle solutions that protect cable termination and enhance airflow.

- Honeycomb side rails stabilize terminated cables as they route from the panels out of the rack
- The patented honeycomb side rails and wire frame verticals provide industry-leading airflow for side ventilated network equipment
- Larger vertical managers reduce cable obstruction of airflow and

A WELL DESIGNED  
PHYSICAL SUPPORT  
INFRASTRUCTURE  
MAXIMIZES NETWORK  
PERFORMANCE  
BY MINIMIZING  
SIGNAL LOSS CAUSED  
BY IMPROPER  
CABLE SUPPORT.



## SUPERIOR DESIGN


Mighty Mo 20's design will minimize your network downtime while supporting new cabling and equipment technology.

- Over 150 innovative products designed for any copper or fiber media
- Racks and managers designed to fit any size LAN, SAN or Data Center
- Overhead tray and ladder brackets, rack spacer bars, speednuts and washerless grounding all designed for easier installation



# MIGHTY MO 20 CABLE MANAGEMENT SYSTEM


**1** CABLOFIL CABLE TRAYS

	CF105/150
	CF105/300
	CF105/450
	CF105/600

**2** TUBULAR RUNWAY

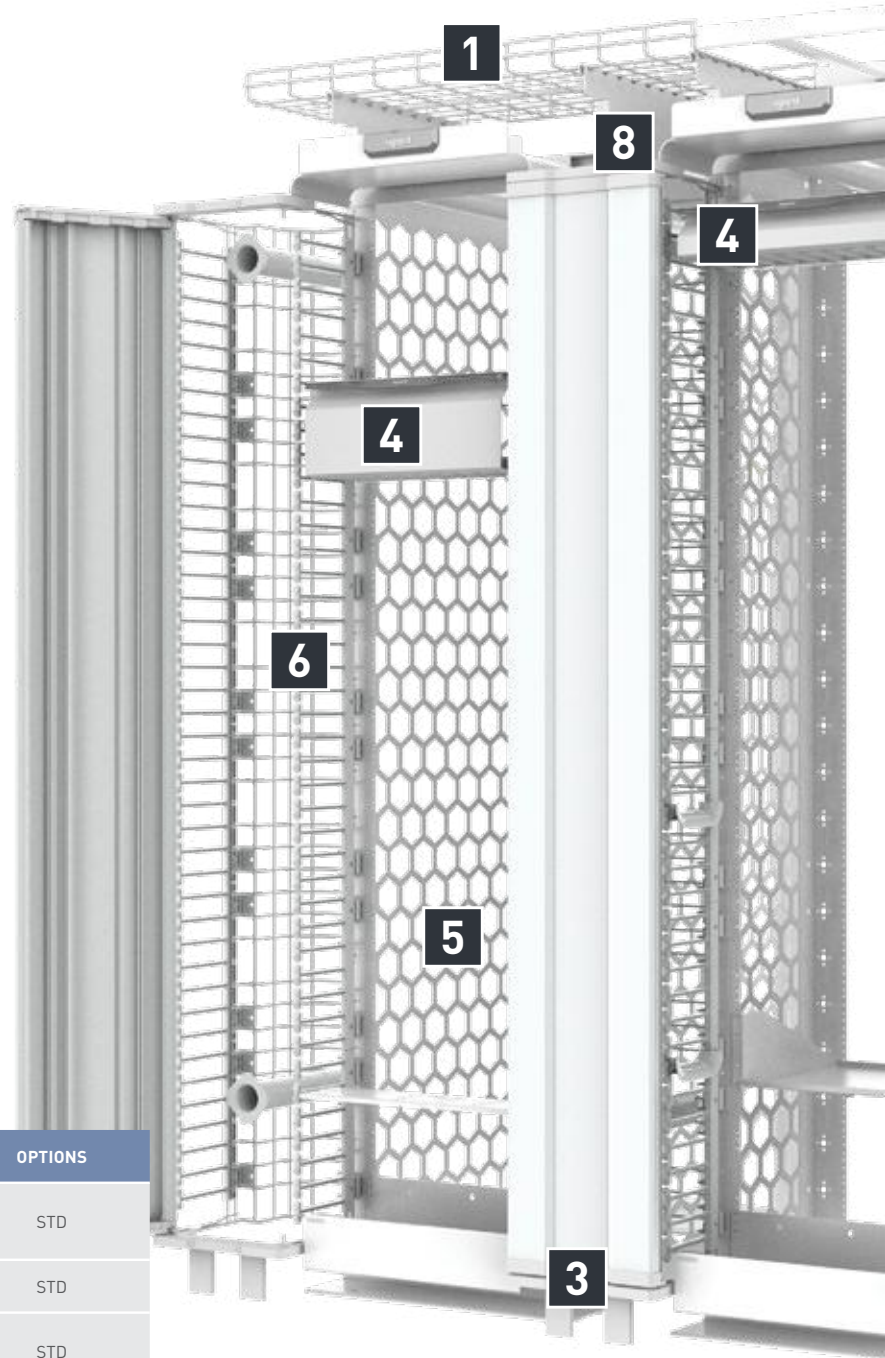
	URT10-18
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**3** LARGE CAPACITY VERTICAL MANAGERS

	MM20VMD706-X
	MM20VMD710-X
	MM20VMD712-X
	MM20VMD716-X

**4** HORIZONTAL MANAGER

	MM20HMF2RU
	MM20HMF4RU

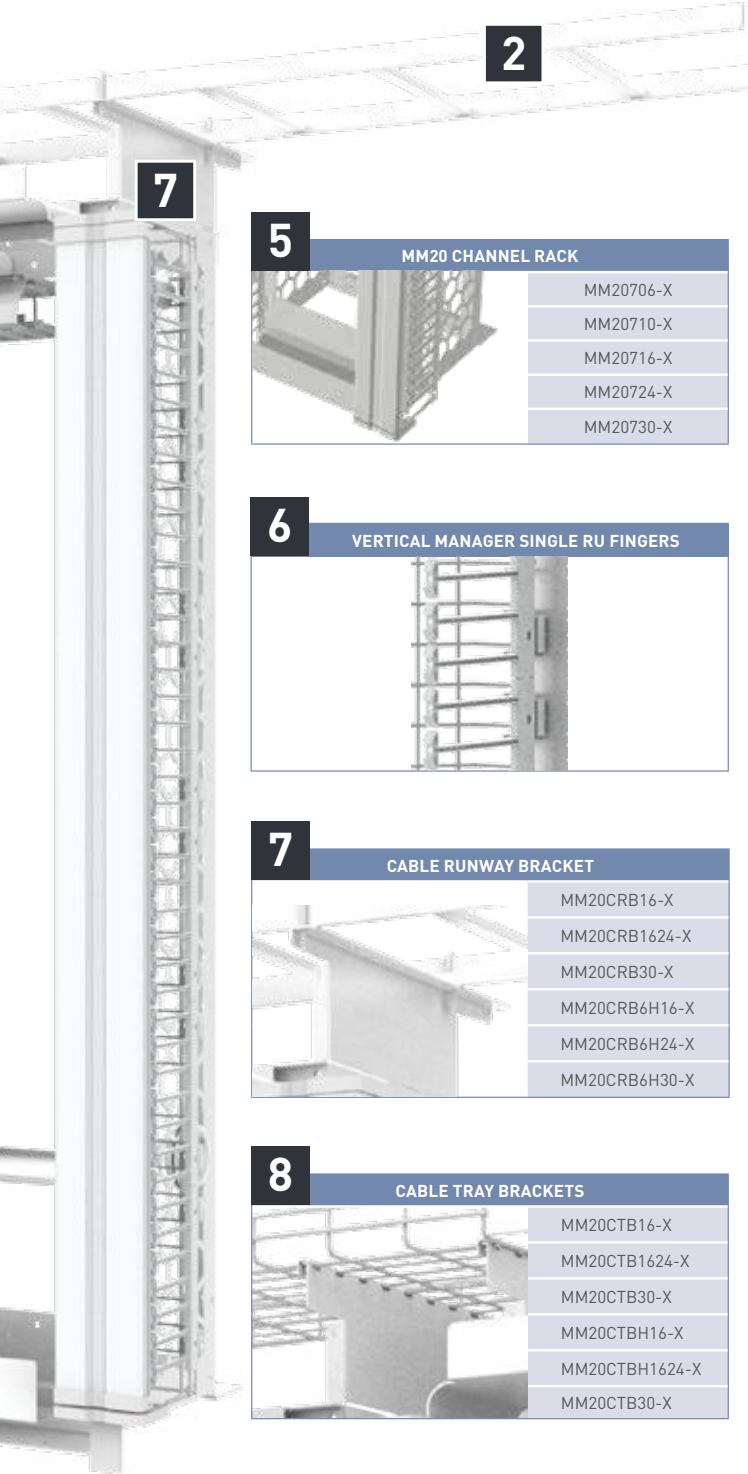


PART NO.	RACK LOCATION	RECOMMENDED USAGE	OPTIONS
MM20716-Z	Rack A	Fiber Box Patch Panels Equipment < 18.5"	STD
MM20706-Z	Rack A	Patch Panels Cable Management	STD
MM20716-Z	Rack B	Fiber Box Patch Panels Equipment < 18.5"	STD
MM20730-Z	Rack B	Network Switches Network Servers Equipment > 18.5"	STD
MM20730-Z	Rack B	Side-breathing Equipment > 18.5"	Lightweight Baffles Vertical Manager > 12"

Note: Replace "X" Color suffix in part numbers with "W" (WHITE) or "B" (BLACK)



## CABLE FILL RATES BASED ON MAXIMUM RECOMMENDED 60% FILL



CABLOFIL CABLE TRAY FILL RATE

1	PART NO.	WIDTH	CAT 5e .215 DIA	CAT 6 .230 DIA	CAT 6a .290 DIA	CAT 6e .22 DIA
	CF105/150	6"	176	150	96	176
	CF105/300	12"	352	300	192	352
	CF105/450	18"	539	460	288	528
	CF105/600	24"	715	610	384	704

TUBULAR RUNWAY FILL RATE

2	PART NO.	WIDTH	CAT 5e .215 DIA	CAT 6 .230 DIA	CAT 6a .290 DIA	CAT 6e .22 DIA
	URT10-18	18"	230	219	125	200

MIGHTY MO 20 VERTICAL MANAGER FILL RATE

3	PART NO.	WIDTH	CAT 5e .215 DIA	CAT 6 .230 DIA	CAT 6a .290 DIA	CAT 6e .22 DIA
	MM20VMD706	6"	447	427	246	391
	MM20VMD710	10"	1166	1113	641	1018
	MM20VMD712	12"	1337	1276	734	1168
	MM20VMD716	16"	1909	1823	1049	1668

HORIZONTAL MANAGER FILL RATE

4	PART NO.	SIZE	LOCATION	CAT 5e .215 DIA	CAT 6 .230 DIA	CAT 6a .290 DIA	CAT 6e .22 DIA
	DHMC1RU	1RU	Front	58	55	31	50
	DHMC1RU	1RU	Rear	52	49	28	45
	DHMC2RU	2RU	Front	196	187	108	171
	DHMC2RU	2RU	Rear	155	148	85	136
	DHMC3RU	3RU	Front	321	307	176	280
	DHMC3RU	3RU	Rear	273	260	150	238
	DHMC4RU	4RU	Front	458	438	252	400
	DHMC4RU	4RU	Rear	385	368	212	337

MIGHTY MO 20 CHANNEL RACK FILL RATE

5	PART NO.	SIZE	CAT 5e .215 DIA	CAT 6 .230 DIA	CAT 6a .290 DIA	CAT 6e .22 DIA
	MM20706	6.5" depth	462	442	254	403
	MM20710	10" depth	722	690	397	630
	MM20716	16.25" depth	1170	1131	651	1035
	MM20724	24" depth	1758	1680	966	1536
	MM20730	30" depth	2166	2104	1211	1925

MIGHTY MO 20 VERTICAL MANAGER SINGLE RU FINGERS

6	PART NO.	SIZE	CAT 5e .215 DIA	CAT 6 .230 DIA	CAT 6a .290 DIA	CAT 6e .22 DIA
	N/A	1RU	56	39	22	42

# MM20 FLOOR SPACE CONSIDERATIONS

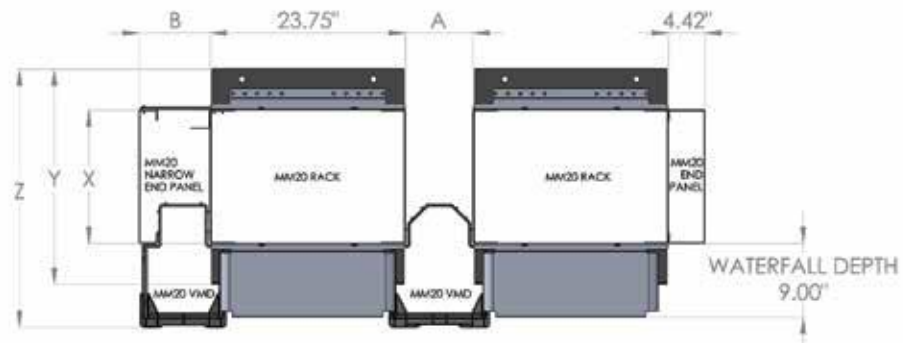
## RACK AND MANAGER DEPTH REQUIREMENTS

PART NO.	"X" = RACK RAIL DEPTH	"Y" = OVERALL RACK DEPTH INCLUDING BASE ANGLES	"Z" = OVERALL RACK DEPTH INCLUDING THE VMD
MM20X06	6.5"	16.5"	21.75"
MM20X10	10.5"	20.5"	25.75"
MM20X16	16.25"	26.25"	31.5"
MM20X24	24"	34"	39.25"
MM20X30	30"	40"	45.25"
MM20X36	36"	46"	51.25"
MM20X42	42"	52"	57.25"

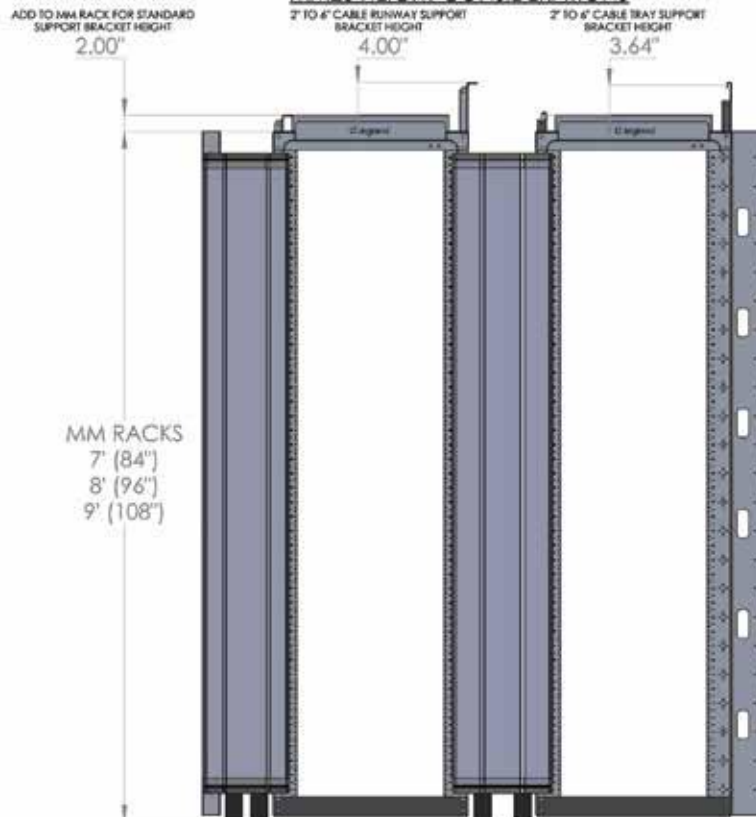
## VERTICAL MANAGER SPACING

PART NO.	"A" = DISTANCE BETWEEN RACKS NEEDED PER MANAGER	"B" = DISTANCE FROM OUTER RACK RAIL TO OUTER NARROW END PANEL SURFACE
MM20VMDX06	2.5"	4.7"
MM20VMDX10	6.5"	8.7"
MM20VMDX12	8.25"	10.45"
MM20VMDX16	12.25"	14.45"

NOTE: Replace "X" in part numbers with "7" (7ft.), "8" (8ft.) or "9" (9ft.) to indicate height.



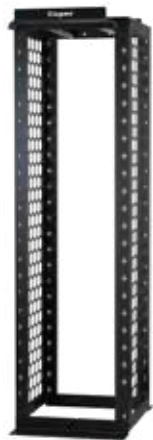
### MM20 HEIGHT CONSIDERATIONS



# MM20 CHANNEL, ADJUSTABLE & FIXED RACKS

## MM20

### Mighty Mo 20 Channel Racks



MM20724-B

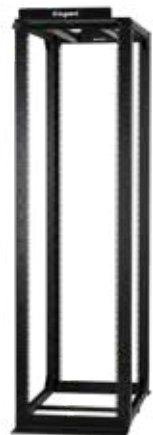
Mighty Mo 20 channel racks are designed to provide greater flexibility and optimum efficiency to any size network. The top trough with built-in waterfall provides bend radius control and efficient patch cable routing. Honeycomb side rails on all depth channel racks provide the ultimate in distribution cable management. The honeycomb side rails, combined with airflow baffles, create a patented system that manages intake and exhaust air from side-vented equipment.

PART NO.	CHANNEL DEPTH	RAIL TYPE
MM20H06	6.5"	Tapped, #12-24
MM20H0638		Punched, 3/8" Square
MM20H10	10.5"	Tapped, #12-24
MM20H1038		Punched, 3/8" Square
MM20H16	16.25"	Tapped, #12-24
MM20H1638		Punched, 3/8" Square
MM20H24	24"	Tapped, #12-24
MM20H2438		Punched, 3/8" Square
MM20H30	30"	Tapped, #12-24
MM20H3038		Punched, 3/8" Square

NOTE: H is height: "7" for 45RU, "8" for 51RU or "9" for 58RU  
Add "-B" for black or "-W" for white

## MM20ADJ

### Mighty Mo 20 Adjustable 4-Post Racks



MM20736ADJ38-B

Mighty Mo 20 4-post racks provide greater flexibility and optimum efficiency in any data center. The adjustable rack allows all 4 mounting rails to be adjusted even after the rack has been fastened to the floor. Front and rear waterfalls allow for equipment patching and server patching. All styles of Mighty Mo 20 vertical managers can be mounted front or rear and airflow baffles can be mounted to manage the airflow of side breathing equipment.

PART NO.	RACK DEPTH	RAIL TYPE
MM20H30ADJ12	30"	Tapped, #12-24
MM20H30ADJ38		Punched, 3/8" Square
MM20H36ADJ12	36"	Tapped, #12-24
MM20H36ADJ38		Punched, 3/8" Square
MM20H42ADJ12	42"	Tapped, #12-24
MM20H42ADJ38		Punched, 3/8" Square

NOTE: H is height: "7" for 45RU, "8" for 51RU or "9" for 58RU  
Add "-B" for black or "-W" for white

## MM20FXD

### Mighty Mo 20 Fixed 4-Post Racks



MM20730FXD12-B

Mighty Mo 20 4-post racks provide greater flexibility and optimum efficiency in any data center. The fixed racks provide an economical mounting platform for switches and servers. Front and rear waterfalls allow for equipment patching and server patching. All styles of Mighty Mo 20 vertical managers can be mounted front or rear and airflow baffles can be mounted to manage the airflow of side breathing equipment.

PART NO.	RACK DEPTH	RAIL TYPE
MM20H30FXD12	30"	Tapped, #12-24
MM20H30FXD38		Punched, 3/8" Square

NOTE: H is height: "7" for 45RU, "8" for 51RU or "9" for 58RU  
Add "-B" for black or "-W" for white

# MM20 VERTICAL MANAGERS



MM20VMD710-B

## MM20VMD

### Mighty Mo 20 Vertical Manager with Door

The wire frame and rack unit finger design promotes efficient routing of patch cords between racks. Dual hinged slam latch doors allow easy access during moves, adds and changes. Supplied with four cable management spools to provide slack storage for fiber jumpers and twelve bend limiting clips to protect fiber entering the vertical manager.

## PART NO. MM20VMDXYY-Z

X=HEIGHT	YY=WIDTH	Z=COLOR
7 = 7ft	06* = 6.5in	B = Black W = White
8 = 8ft	10 = 10.5in	
9 = 9ft	12 = 12.25in	
	16 = 16.25in	

NOTE: 6.5in wide managers are 10.25in deep, all other managers are 15in deep.



MM20VMD7FC-B

## MM20VMD

### Mighty Mo 20 Finger Covers

The finger cover is used to finish the end of a row of Mighty Mo racks by covering up the side of the vertical manager. Finger covers mount to the fingers on the VMD or VMS vertical managers.

## PART NO. MM20VMDXFC-Z

X=HEIGHT	Z=COLOR
7 = 7ft	B = Black W = White
8 = 8ft	
9 = 9ft	



MM20VMS706-B

## MM20VMS

### Mighty Mo 20 Vertical Manager with Cover

The wire frame and rack unit finger design promotes efficient routing of patch cords between racks. Dual hinged snap-on covers allow easy access during moves, adds and changes. A 6" wide cage is supplied with four cable management spools and 12 bend-limiting clips.

## PART NO. MM20VMSXYY-Z

X=HEIGHT	YY=WIDTH	Z=COLOR
7 = 7ft	04* = 3.75in	B = Black W = White
8 = 8ft	06 = 6.5in	
9 = 9ft	10 = 10.5in	

NOTE: 10in wide managers are 13.62in deep, all other managers are 8.62in deep. Patent numbers 6,946,605 and 7,026,553.



MM20VML704-B

## MM20VML

### Mighty Mo 20 Vertical Manager with Latches

Wire frame and hinged latches allow easy access during moves, adds and changes. An efficient and economical choice for small to mid-size networks.

## PART NO. MM20VMLXYY-Z

X=HEIGHT	YY=WIDTH	Z=COLOR
7 = 7ft	04* = 4in	B = Black W = White
8 = 8ft	06 = 6in	
9 = 9ft		

NOTE: All managers are 6.12in deep. Patent number 6,365,834.

# MM20 HORIZONTAL MANAGERS



MM20HMF2RU-B



MM20HMF4RU-B

## MM20HMF / MM20ADJ / SHMC / DHMC

### Mighty Mo 20 Horizontal Managers

Horizontal cable managers are available in 1RU, 2RU, 3RU, and 4RU sizes. Fingers begin 3/4" from the face of rack to provide bend limitation for cables, protecting cables, equipment and network performance. Included hinged cover mounts with six heavy duty clips allow them to be opened one handed without becoming "unhinged". Manufactured from UL94V-0 rated plastic.

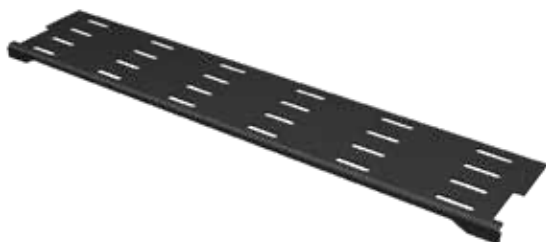
PART NO.	CHANNEL DEPTH	RU HEIGHT
MM20HMF2RU-X	Single-Sided	2
MM20HMF4RU-X	Single-Sided	4
MM20ADJ4HM-X	Front-to-Rear Adjustable	—
SHMC1RU*	Single-Sided	1
SHMC2RU*		2
SHMC3RU*		3
SHMC4RU*		4
DHMC1RU*	Double-Sided	1
DHMC2RU*		2
DHMC3RU*		3
DHMC4RU*		4

NOTE: X is for color: "B" for black or "W" for white  
 \* Add "W" for white

## MM20HMZR

### Mighty Mo 20 Zero-U Horizontal Managers

Zero rack unit horizontal managers slide into the slots in the Mighty Mo 20 fingers and provide support for fiber and copper cables exiting horizontal equipment modules. They toollessly lock into place with the 19" version mounting between 2 vertical managers in front of the equipment. Internal versions are sized to fit inside the vertical managers and provide a continuous horizontal path across the front of the racks and managers.



MM20HMZR19-B

PART NO.	DESCRIPTION
MM20HMZR19-X	For Front of Rack between two VMD or VMS Style Managers
MM20HMZR06-X	For MM20 6"W VMD and VMS Style Managers
MM20HMZR10-X	For MM20 10"W VMD and VMS Style Managers
MM20HMZR12-X	For MM20 12"W VMD Style Managers
MM20HMZR16-X	For MM20 16"W VMD Style Managers

NOTE: X is color: "B" for black or "W" for white

# MM20 RACK ACCESSORIES

## MM20FXDABR / MM20ADJABR

### Mighty Mo 20 4-Post Rack

#### Fixed and Adjustable Baffle Rails



MM207FXDABR-B

Baffle rails allow 16-1/4", 24" and 30" deep airflow baffles to be mounted to the side of the adjustable 4-post rack, even when the mounting rails are set to a deeper dimension. The fixed version allows 16-1/4" and 24" baffles to be mounted to the 30" deep racks.

PART NO.	DESCRIPTION
MM207FXDABR-X	For 7' MM20 4-Post Fixed Racks
MM207ADJABR-X	For 7' MM20 4-Post Adjustable Racks
MM208FXDABR-X	For 8' MM20 4-Post Fixed Racks
MM208ADJABR-X	For 8' MM20 4-Post Adjustable Racks
MM209FXDABR-X	For 9' MM20 4-Post Fixed Racks

NOTE: Replace the "X" tail code with "B" for black or "W" for white.

## MM20ABL

### Mighty Mo 20 Lightweight Airflow Baffles



MM20ABL71612-B

Mighty Mo 20 airflow baffles mount between Mighty Mo 20 channel, fixed or adjustable racks, direct intake and exhaust air on side flow network equipment from cold aisle to hot aisle. The patented angle design utilizes less space, reduces back pressure and provides better overall performance than square duct style systems.

PART NO.	DESCRIPTION
MM20ABL71612-X	For MM20716 Rack and MM20VMD712 Vertical Manager
M20ABL71616-X	For MM20716 Rack and MM20VMD716 Vertical Manager
MM20ABL72412-X	For MM20724 Rack and MM20VMD712 Vertical Manager
MM20ABL72416-X	For MM20724 Rack and MM20vmd716 Vertical Manager
MM20ABL73012-X	For MM20730 Rack and MM20VMD712 Vertical Manager
MM20ABL73016-X	For MM20730 Rack and MM20VMD716 Vertical Manager
MM20ABL81612-X	For MM20816 Rack and MM20VMD812 Vertical Manager
MM20ABL81616-X	For MM20816 Rack and MM20VMD816 Vertical Manager
MM20ABL82412-X	For MM20824 Rack and MM20VMD812 Vertical Manager
MM20ABL82416-X	For MM20824 Rack and MM20VMD816 Vertical Manager
MM20ABL83012-X	For MM20830 Rack and MM20VMD812 Vertical Manager
MM20ABL83016-X	For MM20830 Rack and MM20VMD816 Vertical Manager
MM20ABL91612-X	For MM20916 Rack and MM20VMD912 Vertical Manager
MM20ABL91616-X	For MM20916 Rack and MM20VMD916 Vertical Manager
MM20ABL92412-X	For MM20924 Rack and MM20VMD912 Vertical Manager
MM20ABL92416-X	For MM20924 Rack and MM20VMD916 Vertical Manager
MM20ABL93012-X	For MM20930 Rack and MM20VMD912 Vertical Manager

NOTE: Replace the "X" tail code with "B" for black or "W" for white.  
Patent numbers 8,130,494 and 8,256,181.

# MM20 RACK ACCESSORIES



MM20VCT70206-B

## MM20UCT2X2

### Mighty Mo 20 Universal Cable Troughs

Universal cable troughs snap into the hex on the Mighty Mo 20 channel racks and are used to create a front to rear or vertical pattern on the inside or outside of the channel. They can be mounted in a row to create a continuous trough or rotated at 30° increments to support cables through directional changes. Up to 3 HiLOC™ harnesses can be toollessly mounted into each trough. The 2" x 2" size is equipped with slots to allow it to be joined to Mighty Mo Fiber Raceway.

PART NO.	DESCRIPTION
MM20UCT2X2-X	2" x 2" x 5.25" Trough with Hex Mounting for MM20 Channel Racks, 6-Pack

NOTE: Replace the "X" tail code with "B" for black or "W" for white.



MM20HEXGD-W

## MM20UHEXGD

### Mighty Mo 20 Hexguard

The Mighty Mo 20 Hexguard cabling protection snaps into the channel rails of the rack and protects cables while allowing for easy passage thru the channel. The Hexguard snaps directly into the honeycomb cutouts and can be installed for new, as well as existing cable installs.

PART NO.	DESCRIPTION
MM20HEXGD-B	Mighty Mo 20 Hexguard - Black
MM20HEXGD-W	Mighty Mo 20 Hexguard - White



MM20BLC-B

## MM20BLC-X

### Mighty Mo 20 Bend Limiting Clips

Bend limiting clips snap on to any finger on the vertical management cage to provide bend limitation for fiber jumpers entering and exiting the cage. The half oval design provides 180° protection for fiber jumpers.

PART NO.	DESCRIPTION
MM20BLC-X	6.25" L for VMD or VMS Style Managers, 12-Pack

NOTE: Replace the "X" tail code with "B" for black or "W" for white.



MM20CMS6-B

## MM20CMS

### Mighty Mo Cable Management Spools

Cable management spools effectively manage excess fiber cable slack, providing flexibility and the proper bend radius for cables. They mount at rack unit intervals on the front of the 6" wide vertical manager or on the front and rear of the 10" and wider vertical managers with fingers.

PART NO.	DESCRIPTION
MM20CMS10-X	6.25" L for VMD or VMS Style Managers, 12-Pack
MM20CMS6-X	6.25" L for VMD or VMS Style Managers, 12-Pack

NOTE: Replace the "X" tail code with "B" for black or "W" for white.

# MM20 RACK ACCESSORIES



MM20CMR3-B

## MM20CMR

### Mighty Mo 20 Cable Management Rings

These black plastic rings flex at the end for insertion or removal of cross connect cables. The 3/8" 1/4 turn connector mounts on the front and back of the Mighty Mo racks. It can also be installed into 3/8" square accessory holes on the sides of the Mighty Mo racks or into any open 3/8" square EIA mounting hole.

PART NO.	DESCRIPTION
MM20CMR3-X	1.75" x 3" Ring Mounts in 3/8" Square Holes, 14-Pack
MM20CMR6-X	1.75" x 6" Ring Mounts in 3/8" Square Holes, 15-Pack

NOTE: Replace the "X" tail code with "B" for black or "W" for white.



MM20WFE-B

## MM20WFE

### Mighty Mo Waterfall Extension

Increases the height of the front flange of the Mighty Mo waterfall by 2.25" when additional cable capacity is required.

PART NO.	DESCRIPTION
MM20WFE-X	19.12"W x 4.5"H Fits any MM20 Waterfall

NOTE: Replace the "X" tail code with "B" for black or "W" for white.



MM20ESB16-B

## MM20ESB

### Mighty Mo 20 Equipment Support Brackets

The 6" equipment support brackets can be cantilever mounted at the rear of any Mighty Mo rack and used to support equipment mounted to the front rails. Deeper equipment support brackets are sized to the 16-1/4" to 30" channel racks and 4-point mount with the equipment's mounting ears to provide zero unit support from front-to-back.

PART NO.	DESCRIPTION
MM20ESB06-X	Set of Brackets 6"D for Rear Support on all MM20 Racks
MM20ESB16-X	Set of Brackets for MM20 16-1/4"D Channel Racks
MM20ESB24-X	Set of Brackets for MM20 24"D Channel Racks
MM20ESB30-X	Set of Brackets for MM20 30"D Channel Racks

NOTE: Replace the "X" tail code with "B" for black or "W" for white.



MM20CT4RUK-B

## MM20CT

### Mighty Mo 20 Cable Troughs

Cable troughs support fiber cables at the bottom of Mighty Mo racks. The kit includes an extension that bridges the space between racks and creates a continuous trough at the bottom of the row.

PART NO.	DESCRIPTION
MM20CT4RU-X	8"D x 4"H, Requires 4 Bottom RU of MM20 Racks
MM20CT4RUK-X	8"D x 4"H Requires 4 Bottom RU of MM20 Racks, with Extension

NOTE: Replace the "X" tail code with "B" for black or "W" for white.



# MM20 RACK ACCESSORIES

## MM20CRB

### Mighty Mo 20 Cable Runway Mounting Brackets



Mounts to the top side of the Mighty Mo rack channels or frames, providing mounting for wire cable tray to run parallel with the row of racks. Standard brackets position the bottom of the runway at 2" above the rack height and 6" high brackets position the bottom of the runway at 6" above the rack height.

PART NO.	DESCRIPTION
MM20CRB06-X	2"H for MM20 6-1/2" Channel Racks, Supports Runway up to 18"W
MM20CRB10-X	2"H for MM20 10-1/2" Channel Racks, Supports Runway up to 18"W
MM20CRB16-X	2"H for MM20 16-1/4" Channel Racks, Supports Runway up to 18"W
MM20CRB1624-X	2"H for MM20 16-1/4" Channel Racks, Supports Runway up to 24"W
MM20CRB24-X	2"H for MM20 24" Channel Racks, Supports Runway up to 24"W
MM20CRB30-X	2"H for MM20 30" Channel Racks, Supports Runway up to 24"W
MM20CRB4PU-X	2"H for the Side of MM20 4-Post Racks, Supports Runway up to 24"W
MM20CRB4PRU-X	2"H for the Rear of MM20 4-Post Racks, Supports Runway up to 18"W
MM20CRB6H06-X	6"H for MM20 6-1/6" Channel Racks, Supports Runway up to 18"W
MM20CRB6H10-X	6"H for MM20 10-1/6" Channel Racks, Supports Runway up to 18"W
MM20CRB6H16-X	6"H for MM20 16-1/4" Channel Racks, Supports Runway up to 18"W
MM20CRB6H1624-X	6"H for MM20 16-1/4" Channel Racks, Supports Runway up to 24"W
MM20CRB6H24-X	6"H for MM20 24" Channel Racks, Supports Runway up to 24"W
MM20CRB6H30-X	6"H for MM20 30" Channel Racks, Supports Runway up to 24"W
MM20CRB6H4PU-X	6"H for the Side of MM20 4-Post Racks, Supports Runway up to 24"W
MM20CRB6H4PRU-X	6"H for the Rear of MM20 4-Post Racks, Supports Runway up to 18"W

NOTE: Replace the "X" tail code with "B" for black or "W" for white.

## MM20CTB

### Mighty Mo 20 Cable Tray Mounting Brackets



PART NO.	DESCRIPTION
MM20CTB06-X	2"H for MM20 6-1/2" Channel Racks, Supports Wire Tray up to 18"W
MM20CTB10-X	2"H for MM20 10-1/2" Channel Racks, Supports Wire Tray up to 18"W
MM20CTB16-X	2"H for MM20 16-1/4" Channel Racks, Supports Wire Tray up to 18"W
MM20CTB1624-X	2"H for MM20 16-1/4" Channel Racks, Supports Wire Tray up to 24"W
MM20CTB24-X	2"H for MM20 24" Channel Racks, Supports Wire Tray up to 24"W
MM20CTB30-X	2"H for MM20 30" Channel Racks, Supports Wire Tray up to 24"W
MM20CTB4PU-X	2"H for the Side of MM20 4-Post Racks, Supports Wire Tray up to 24"W
MM20CTB4PRU-X	2"H for the Rear of MM20 4-Post Racks, Supports Wire Tray up to 18"W
MM20CTB6H06-X	6"H for MM20 6-1/6" Channel Racks, Supports Wire Tray up to 18"W
MM20CTB6H10-X	6"H for MM20 10-1/6" Channel Racks, Supports Wire Tray up to 18"W
MM20CTB6H16-X	6"H for MM20 16-1/4" Channel Racks, Supports Wire Tray up to 18"W
MM20CTB6H1624-X	6"H for MM20 16-1/4" Channel Racks, Supports Wire Tray up to 24"W
MM20CTB6H24-X	6"H for MM20 24" Channel Racks, Supports Wire Tray up to 24"W
MM20CTB6H30-X	6"H for MM20 30" Channel Racks, Supports Wire Tray up to 24"W
MM20CTB6H4PU-X	6"H for the Side of MM20 4-Post Racks, Supports Wire Tray up to 24"W
MM20CTB6H4PRU-X	6"H for the Rear of MM20 4-Post Racks, Supports Wire Tray up to 24"W

NOTE: Replace the "X" tail code with "B" for black or "W" for white.

# MM20 RACK ACCESSORIES

## MM20EP

### Mighty Mo 20 End Panels\*

The 4.4" wide end panel is used to finish the end of a row of Mighty Mo racks when a 6" wide vertical manager is mounted at the end of the row. It mounts directly to the rack behind the manager, providing a stable mounting surface for the manager and concealing cables in the rack frame.



MM20EP716-B

PART NO.	DESCRIPTION
MM20EP706-X	For MM20706 Channel Rack behind a MM20VMD706 Manager
MM20EP710-X	For MM20710 Channel Rack behind a MM20VMD706 Manager
MM20EP716-X	For MM20716 Channel Rack behind a MM20VMD706 Manager
MM20EP724-X	For MM20724 Channel Rack behind a MM20VMD706 Manager
MM20EP730-X	For MM20730 Channel and MM20730FXD 4-Post Racks behind a MM20VMD706 Manager
MM20EP736-X	For MM20736ADJ 4-Post Racks behind a MM20VMD706 Manager
MM20EP742-X	For MM20742ADJ4-Post Racks behind a MM20VMD706 Manager
MM20EP810-X	For MM20810 Channel Rack behind a MM20VMD806 Manager
MM20EP816-X	For MM20816 Channel Rack behind a MM20VMD806 Manager
MM20EP824-X	For MM20824 Channel Rack behind a MM20VMD806 Manager
MM20EP830-X	For MM20830 Channel and MM20830FXD 4-Post Racks behind a MM20VMD806 Manager
MM20EP836-X	For MM20836ADJ 4-Post Racks behind a MM20VMD806 Manager
MM20EP842-X	For MM20842ADJ 4-Post Racks behind a MM20VMD806 Manager
MM20EP916-X	For MM20916 Channel Rack behind a MM20VMD906 Manager
MM20EP924-X	For MM20924 Channel Rack behind a MM20VMD906 Manager
MM20EP930-X	For MM20930 Channel and MM20930FXD 4-Post Racks behind a MM20VMD906 Manager

NOTE: Replace the "X" tail code with "B" for black or "W" for white.

\* End panels are available for square hole punched channel racks.

# MM20 RACK ACCESSORIES

## MM20EPN

### Mighty Mo 20 Narrow End Panels\*

The 2.25" wide end panel is used to finish the end of a row of Mighty Mo racks when a 10" or wider vertical manager is mounted at the end of the row. It mounts directly behind the manager concealing cables in the rack frame. The narrow end panel requires the use of an end panel support bracket to stabilize the rear of the end panel.



MM20EEN716-B

PART NO.	DESCRIPTION
MM20EPN706-X	For MM20706 Channel Rack behind a MM20VMD710 or Wider Manager
MM20EPN710-X	For MM20710 Channel Rack behind a MM20VMD710 or Wider Manager
MM20EPN716-X	For MM20716 Channel Rack behind a MM20VMD710 or Wider Manager
MM20EPN724-X	For MM20724 Channel Rack behind a MM20VMD710 or Wider Manager
MM20EPN730-X	For MM20730 Channel and MM20730FXD 4-Post Racks Behind a MM20VMD710 or Wider Manager
MM20EPN736-X	For MM20736ADJ 4-Post Racks behind a MM20VMD710 or Wider Manager
MM20EPN742-X	For MM20742ADJ 4-Post Racks behind a MM20VMD710 or Wider Manager
MM20EPN810-X	For MM20810 Channel Rack behind a MM20VMD810 or Wider Manager
MM20EPN816-X	For MM20816 Channel Rack behind a MM20VMD810 or Wider Manager
MM20EPN824-X	For MM20824 Channel Rack behind a MM20VMD810 or Wider Manager
MM20EPN830-X	For MM20830 Channel and MM20830FXD 4-Post Racks Behind a MM20VMD810 or Wider Manager
MM20EPN836-X	For MM20836ADJ 4-Post Racks behind a MM20VMD810 or Wider Manager
MM20EPN842-X	For MM20842ADJ 4-Post Racks behind a MM20VMD810 or Wider Manager
MM20EPN916-X	For MM20916 Channel Rack behind a MM20VMD910 or Wider Manager
MM20EPN924-X	For MM20924 Channel Rack behind a MM20VMD910 or Wider Manager
MM20EPN930-X	For MM20930 Channel And MM20930fxd 4-Post Racks behind a MM20VMD910 or Wider Manager

NOTE: Replace the "X" tail code with "B" for black or "W" for white.

\* End panels are available for square hole punched channel racks.

## MM20EPS

### Mighty Mo 20 End Panel Support Brackets

The end panel support brackets mount from the rack to the narrow end panels to stabilize the rear of the end panel.



MM20EPS-B

PART NO.	DESCRIPTION
MM20EPS16-X	For Bracing MM20 Narrow End Panels behind 16"W VMD Managers
MM20EPS-X	For Bracing MM20 Narrow End Panels behind 10"W or 12"W VMD Managers

NOTE: Replace the "X" tail code with "B" for black or "W" for white.

# MM20 RACK ACCESSORIES



BFPT-1RU-10



BFPT-2RU-10

## BFPT-1RU-10 / BFPT-2RU-10

### Tool-Less Snap-In Filler Panel

Tool-less snap-in filler panels are used to fill open rack units in racks and cabinets where separation of cold air and hot air is required. Sold in packs of 10.

## PART NO. BFPT-XRU-10

"X" is height: "1" for 1RU (1.75in) or "2" for 2RU (3.50in)

NOTE: Panels are also available in white. Add -W tail code to the end of part number for white.



MM20724PDHD-W

## MM2024PDHD / MM2024DMFHD / MM2024DMRHD

### Mighty Mo 20 Security Doors

The Mighty Mo 20 security doors secure open racks in data rooms and colocation facilities. The Mighty Mo 20 open frame rack easily adapts with upper and lower door supports to provide for a conversion of a single rack or an entire row of racks. The doors assist in making the Mighty Mo 20 even MORE data center ready by enclosing the electronics as well as protecting and securing data connections.

PART NO.	DESCRIPTION
MM20X24PDHD-X	Mighty Mo 20 Perforated Security Door
MM2024DMFHD-X	Mighty Mo 20 Front Security Door Support Brackets
MM2024DMRHD-X	Mighty Mo 20 Rear Security Door Support Brackets

NOTE: Replace the "X" tail code with "B" for black or "W" for white.

# MM20 TOOLLESS PDU APPLICATION CHART

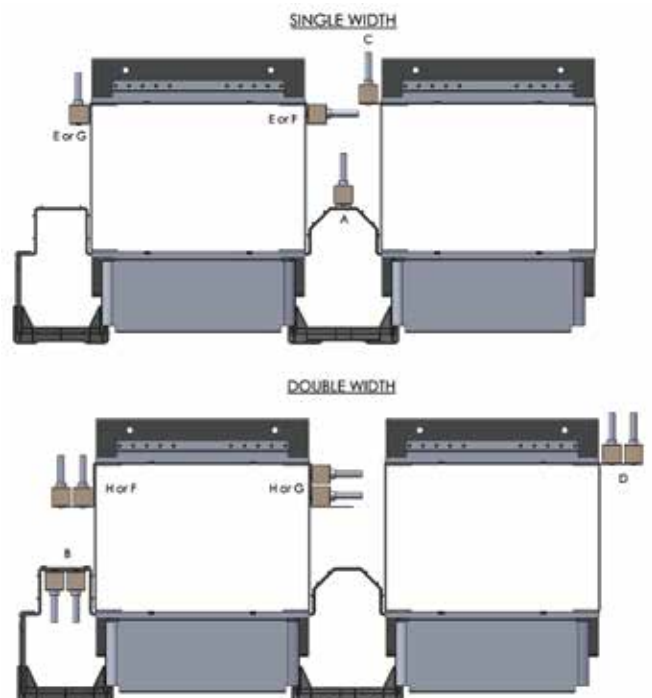
## MM20PDUMB

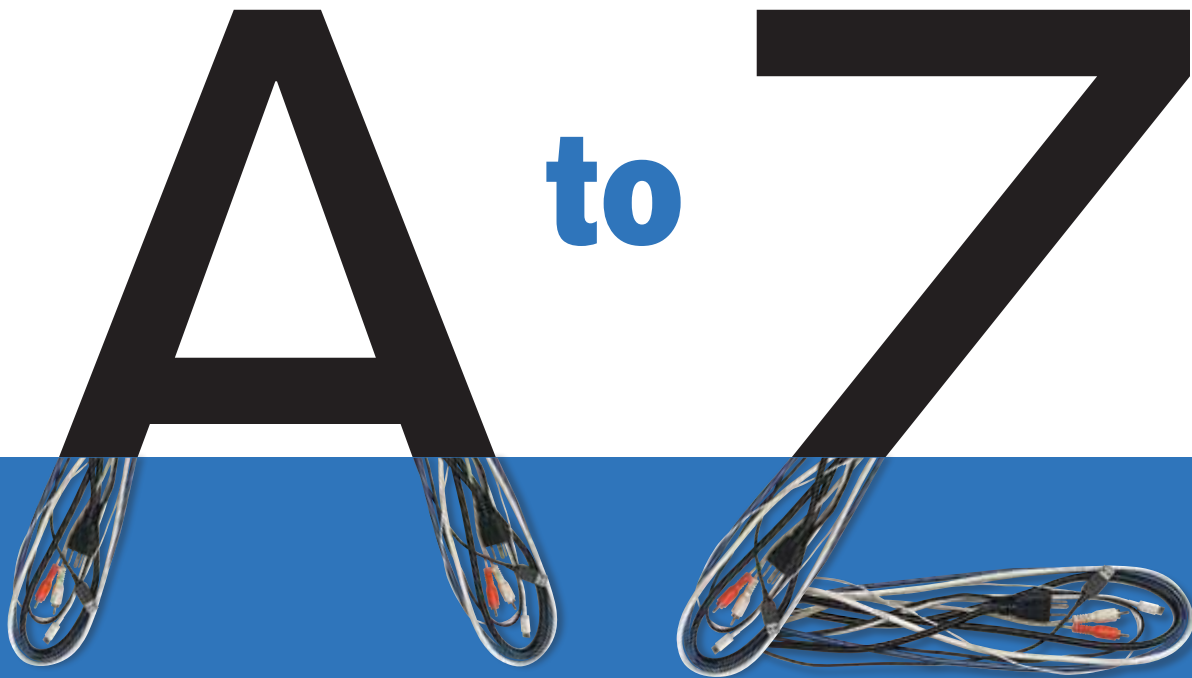
### PDU Mounting Bracket Kits

Legrand Mighty Mo 20 PDU mounting bracket kits are designed to mount "Button Mount" PDUs to the VMD style vertical managers or rear channels of the Mighty Mo 20 open racks. Offset, Flat and vertical manager style brackets are available, which provide multiple mounting options.

PART NO.	DESCRIPTION	LOCATION
MM20PDUMBVM1W-X	Cage Mount, 1 Wide	A
MM20PDUMBVM2W-X	Cage Mount, 2 Wide	B
MM20PDUMBFT1W-X	Rack Mount, Flat, 1 Wide	C
MM20PDUMBFT2W-X	Rack Mount, Flat, 2 Wide	D
MM20PDUMB1D1W-X	Rack Mount, 1 Deep, 1 Wide	E
MM20PDUMB1D2W-X	Rack Mount, 1 Deep, 2 Wide	F
MM20PDUMB2D1W-X	Rack Mount, 2 Deep, 1 Wide	G
MM20PDUMB2D2W-X	Rack Mount, 2 Deep, 2 Wide	H

NOTE: Replace the "X" tail code with "B" for black or "W" for white.





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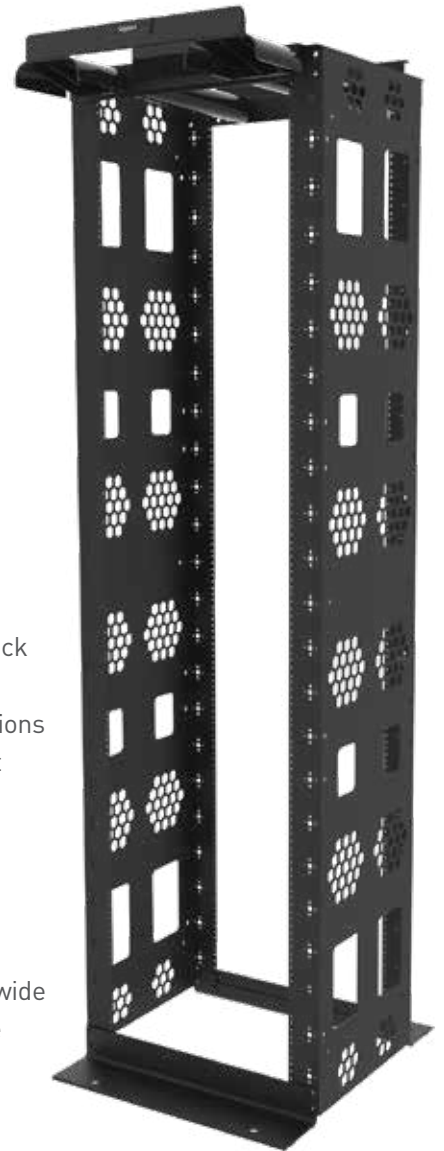
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# MIGHTY MO<sup>®</sup> 6 ENHANCED CABLE MANAGEMENT SYSTEM

The Mighty Mo 6 Enhanced Cable Management System embodies the building network physical infrastructure. No matter the size of the network, Mighty Mo 6E has the capacity and the functionality seldom seen in a value brand of products.

The Mighty Mo 6 Enhanced provides seamless cable transition to the network featuring new waterfall drop-offs that allow for safe cable routing not only into adjacent vertical managers, but also directly down into the center of the rack itself. Cable bundles are easy to secure using the slots in the waterfalls as well as the all new “cable hive” sidewalls.

The hives provide for multiple locations to secure cable bundles along the entire height of the rack. In addition, new built-in bonding features and the upper double ground lugs, simplify grounding and bonding during installation. This is a product with the lineage of the Mighty Mo family and the value perfectly suited for the ultimate in building network physical infrastructure.



## Benefits:

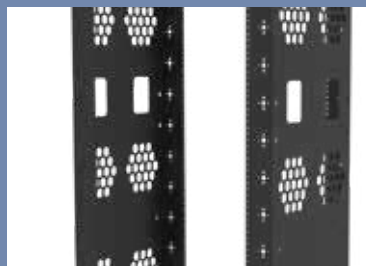
- Cost effective
- Perfect for building network applications when combined with the Q-Series Vertical Manager
- Simple assembly, aided by the following:
  - Speed nuts
  - Vertical manager hanging brackets
  - Quarter turn accessories
  - Snap fit 3-piece waterfall
- Bonding per UL2416 with no hardware required
- Increased cable tie-down points
- Improved load rating capacity for increased network capabilities

## Features:

- 3-piece waterfall
  - Lightweight and easy to assemble
  - Allows cable drops to center of the rack
- Cable hive sidewalls
  - Creates increased cable bundle locations
  - Provides air pathway for side exhaust
- Bonding and grounding
  - Unique bonding tabs per UL2416
  - Double ground lug location
- UL load rated to 1,500 lbs static load
- Large capacity managers
  - Q-Series vertical manager up to 12" wide
  - MM6 vertical manager up to 12" wide
- Printed RU increments, front and rear
- Speed nut assembly aid
- Vertical manager hanger brackets



3-Piece Waterfall



Cable Hive Sidewalls

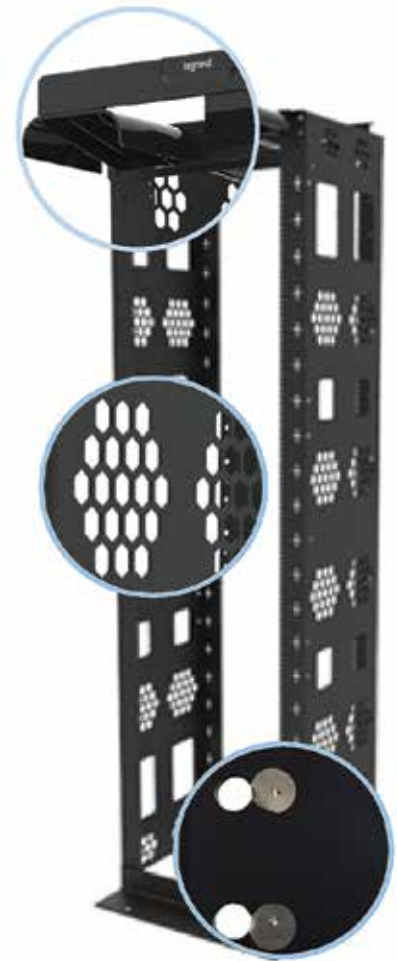


Bonding and Grounding

## MIGHTY MO 6 ENHANCED

### A CLOSER LOOK

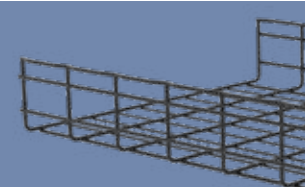
FEATURES	MIGHTY MO 6 ENHANCED
<b>Sidewalls</b>	"Cable Hive" sidewalls
<b>Channel Depths</b>	6.5", 10.5", 16.25"
<b>UL Listed</b>	1500 lbs static load
<b>Waterfall</b>	Three piece waterfall drop off
<b>Bonding and Grounding</b>	Bonded and grounded as assembled
<b>Managers</b>	MM6 vertical manager up to 12" wide
	<b>Q-Series Vertical Manager</b> up to 12" wide



# MIGHTY MO<sup>®</sup> 6 ENHANCED CABLE MANAGEMENT SYSTEM

**1**

Cablofil Cable Tray



CF105/150
CF105/300
CF105/450
CF105/600

**2**

Cable Tray Brackets



MM20CTB06-B	2" tall
MM20CTB10-B	2" tall
MM20CTB16-B	2" tall
MM20CTB6H06-B	6" tall
MM20CTB6H10-B	6" tall
MM20CTB6H16-B	6" tall

**3**


Q-Series Vertical Manager\*



QVMS704	*Requires MM6EQMK7 Mounting Bracket
QVMS706	
QVMS710	
QVMS712	

**4**

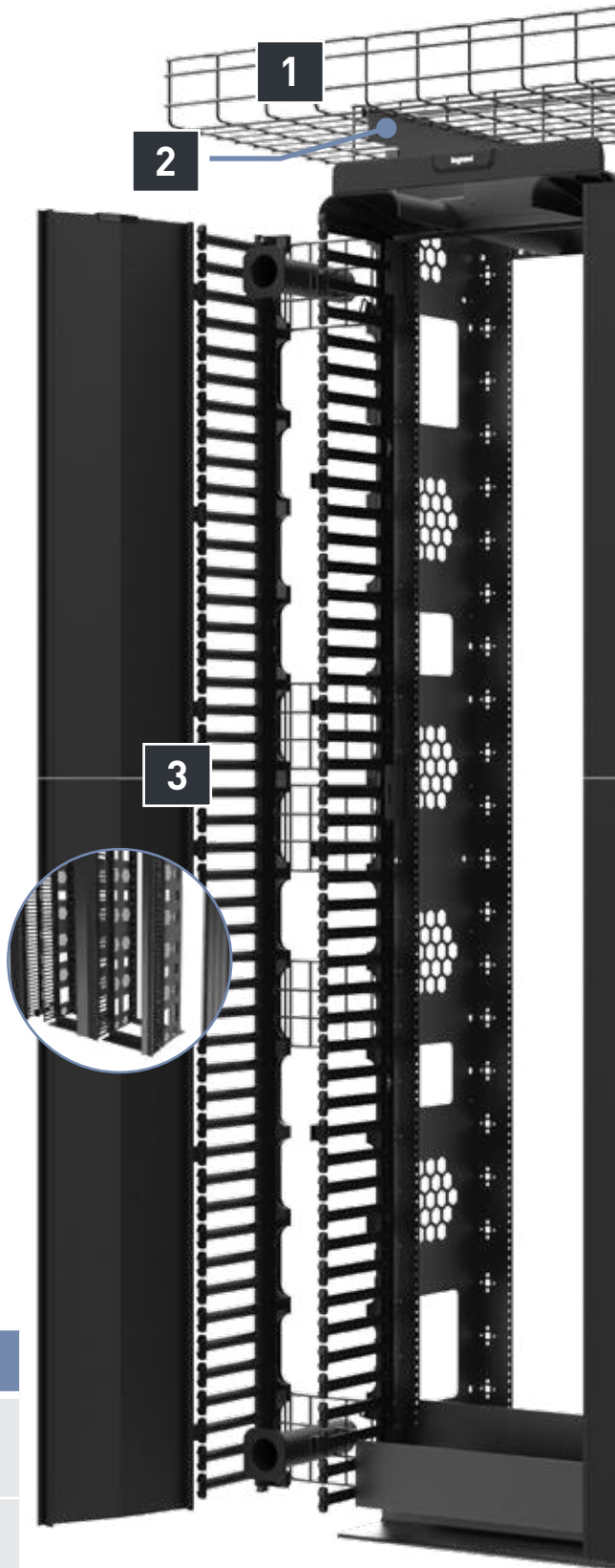
Mighty Mo 6 Enhanced Channel Racks



MM6E706
MM6E710
MM6E716

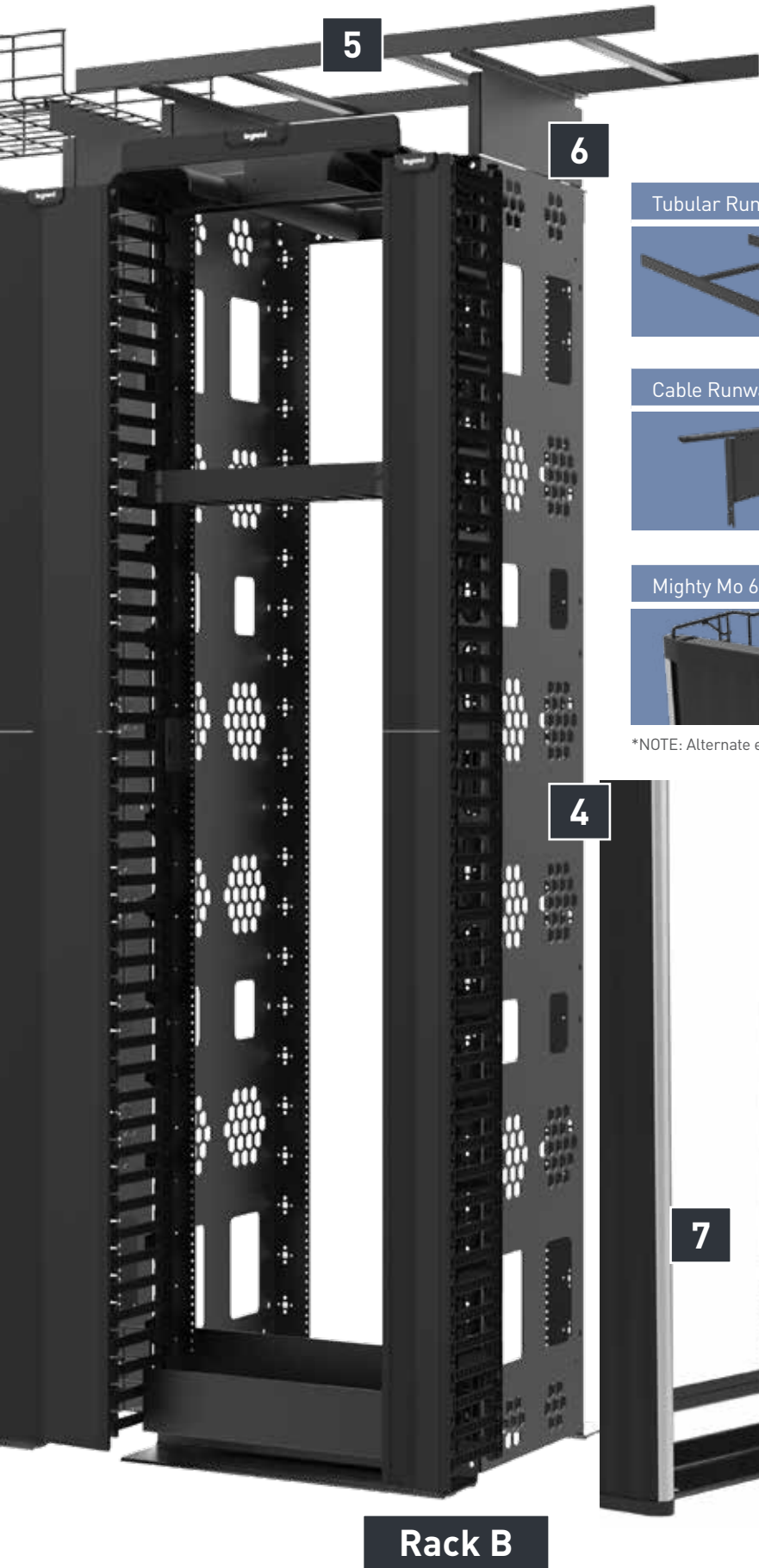
## MIGHTY MO 6 ENHANCED SOLUTIONS

Part Number	Rack Location	Recommended Usage
MM6E706	Rack A	<ul style="list-style-type: none"> <li>Fiber Enclosures</li> <li>Patch Panels</li> <li>Cable Management</li> </ul>
MM6E710	Rack A	<ul style="list-style-type: none"> <li>Fiber Enclosures</li> <li>Patch Panels</li> <li>Cable Management</li> </ul>
MM6E716	Rack B	<ul style="list-style-type: none"> <li>Network Switches</li> <li>Network Servers</li> <li>Patch Panels &amp; Fiber Enclosures</li> </ul>



**Rack A**





5

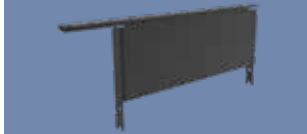
6

**Tubular Runway** **5**



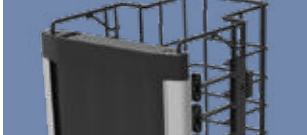
URT10-18

**Cable Runway Brackets** **6**



MM6CRB06  
MM6CRB10  
MM6CRB16

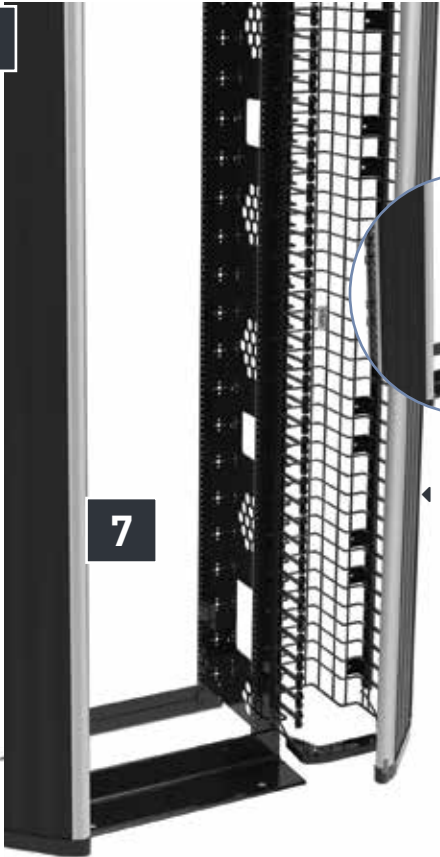
**Mighty Mo 6 Vertical Managers\*** **7**



MM6VMD706  
MM6VMD710  
MM10VMD712

\*NOTE: Alternate equipment offering.

4



7

◀ **MM6 VERTICAL MANAGERS ON MM6 ENHANCED RACK**

NOTE: Shown as alternate equipment offering.

**Rack B**

# MM6E CABLE FILL RATES

## CABLOFIL CABLE TRAY

PART NUMBER	WIDTH	CAT 5E .215 DIA	CAT 6 .230 DIA	CAT 6A .290 DIA	CAT 6E .22 DIA
CF105/150	6"	176	150	96	176
CF105/300	12"	352	300	192	352
CF105/450	18"	539	460	288	528
CF105/600	24"	715	610	384	704

## TUBULAR RUNWAY

PART NUMBER	WIDTH	CAT 5E .215 DIA	CAT 6 .230 DIA	CAT 6A .290 DIA	CAT 6E .22 DIA
URT10-18	18"	96	90	35	94

## MIGHTY MO 6E VERTICAL MANAGER

PART NUMBER	DEPTH	CAT 5E .215 DIA	CAT 6 .220 DIA	CAT 6A .290 DIA	CAT 6E .230 DIA
MM6E706 / MM6706	6.5"	462	442	254	403
MM6E710 / MM6710	10.5"	722	690	397	630
MM6E716 / MM6716	16.25"	1170	1131	651	1035

## Q-SERIES VERTICAL MANAGER

PART NUMBER	WIDTH	CAT 5E .215 DIA	CAT 6 .230 DIA	CAT 6A .290 DIA	CAT 6E .22 DIA
QVMS704	4"	218	208	119	190
QVMS706	6"	386	369	212	338
QVMS710	10"	750	716	412	655
QVMS712	12"	916	874	503	800

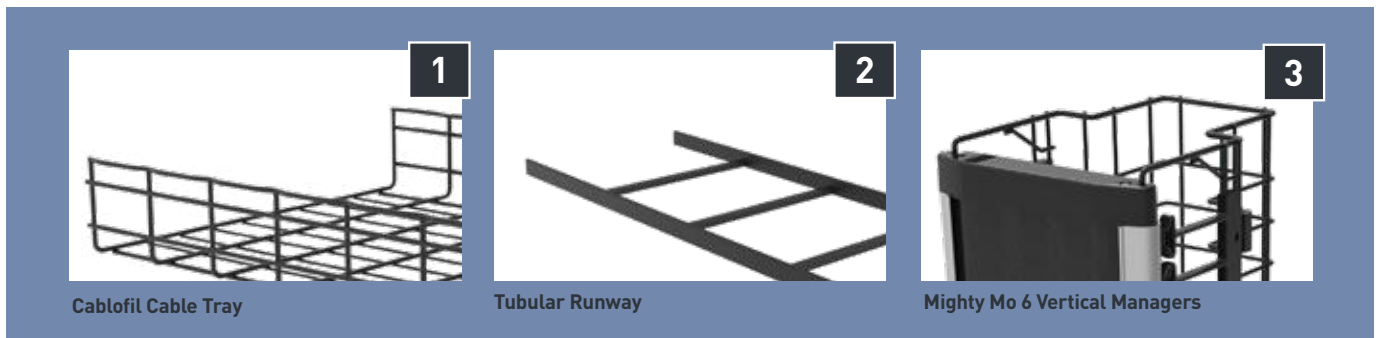
## MM6E CHANNEL RACK

PART NUMBER	WIDTH	CAT 5E .215 DIA	CAT 6 .230 DIA	CAT 6A .290 DIA	CAT 6E .22 DIA
MM6E706	6.5"	462	442	254	403
MM6E710	10.5"	722	690	397	630
MM6E716	16.25"	1170	1131	651	1035

## VERTICAL MANAGER SINGLE RU FINGER

PART NUMBER	WIDTH	CAT 5E .215 DIA	CAT 6 .230 DIA	CAT 6A .290 DIA	CAT 6E .22 DIA
MM6 Manager	1RU	63	61	37	58
Q-Series Manager	1RU	70	67	38	62

NOTE: Fill rates based on maximum recommended 60% fill.



Cablofil Cable Tray

Tubular Runway

Mighty Mo 6 Vertical Managers

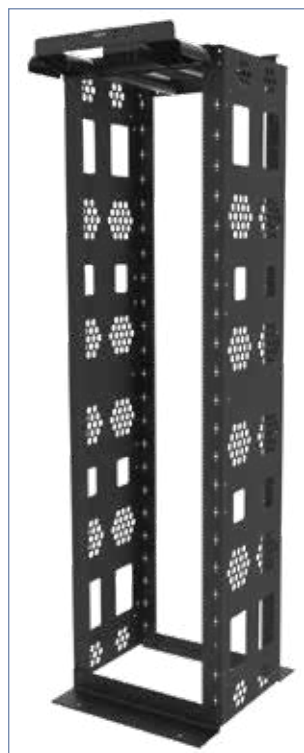
# MM6E CHANNEL RACKS, VERTICAL MANAGERS & BRACKETS

## MM6E

### Channel Racks

The Mighty Mo 6 Enhanced racks have been designed to update any building network and provide the optimal flexibility in cable management. The channel sidewalls provide usability for cable bundle tie locations. These racks are available in 6', 7' and 8' versions, with channel depths of 6.50", 10.50", and 16.25".

PART NO.	HEIGHT (RU)	CHANNEL DEPTH (IN)	RAIL TYPE
MM6E610	37	10.50	Tapped #12-24
MM6E706	45	6.50	
MM6E710		10.50	
MM6E716		16.25	
MM6E806	51	6.50	
MM6E810		10.50	
MM6E816		16.25	



Channel Racks

## QVMS

### MM6E Vertical Managers: Q-Series Single-Sided Vertical Manager\*

The Q-Series vertical manager is simple, fast to assemble, and is even easier to mount to the Mighty Mo 6 Enhanced channel rack system. Assembly and installation is a one-person job with the lightweight and modular manager components.

PART NO. QVMSXY (MM6E ONLY)	
X=HEIGHT	YY=WIDTH
6 = 6ft (37RU)	04 = 4in
7 = 7ft (45RU)	06 = 6in
8 = 8ft (51RU)	10 = 10in
	12 = 12in

\*The Mighty Mo 6 channel rack is not designed to be compatible with the Q-Series single-sided vertical manager, use this manager with the Mighty Mo 6 Enhanced channel rack.



Q-Series Vertical Managers

### BRACKETS

PART NUMBER	DESCRIPTION
MM6EQMK7	Mighty Mo 6E Q-Series Mounting Kit, 6' and 7', 6 Brackets
MM6EQMK8	Mighty Mo 6E Q-Series Mounting Kit, 8', 6 Brackets
MM6EQERSB4	Mighty Mo 6E End of Row Stabilizer Bracket Kit, 4" Manager
MM6EQERSB612	Mighty Mo 6E End of Row Stabilizer Bracket Kit, 6, 10, 12" Manager



Brackets

# MM6 VERTICAL MANAGERS & CABLE MANAGEMENT

## MM6VMD

### Mighty Mo 6 Vertical Managers

The Mighty Mo 6 vertical manager provides an organized method for routing and storage of patch or cross connect cable between racks. The manager features a hinged, extruded aluminum front door that allows easy access during moves, adds, and changes.

PART NO. MM6VMDXYY / MM10VMDXYY	
X=HEIGHT	YY=WIDTH
6 = 6ft (37RU)	06 = 6in
7 = 7ft (45RU)	10 = 10in
8 = 8ft (51RU)	12 = 12in

\*Choose the MM10VMDXYY for 12in width. MM6VMDXYY is not available in 12in width.



MM6VMD706

## MM6VMS

### Mighty Mo 6 Vertical Cable Management Cage with Dual Hinged Covers

The Mighty Mo 6 vertical cable management cage with dual hinged covers provides an organized method for routing and storage of patch or cross connect cable between racks. The cable management cage features dual snap on hinged covers that allow easy access during moves add and changes.

PART NO. MM6VMSXYY	
X=HEIGHT	YY=WIDTH
7 = 7ft (45RU)	04 = 4in
8 = 8ft (51RU)	06 = 6in



MM6VMS704

## MM6VML

### Mighty Mo 6 Vertical Cable Management Cage with Latches

The Mighty Mo 6 vertical cable management cage with latches provides an organized method for routing and storage of patch or cross connect cable between racks. The cable management cage features hinged access latches that allow easy access during moves add and changes.

PART NO. MM6VMLXYY	
X=HEIGHT	YY=WIDTH
7 = 7ft (45RU)	04 = 4in
8 = 8ft (51RU)	06 = 6in



MM6VML706

## MM1070206VCT / MM1080206VCT

### Mighty Mo 6 Vertical Cable Trays

The Mighty Mo 6 vertical cable tray consist of a pre-cut section of 2" x 6" Cablofil® and includes mounting hardware. The cable tray is designed to mount on the rack and manage distribution cables routing from the patch panel and equipment out of the rack. It mounts to the strut on the rack and can be adjusted front to back.

PART NO.	HEIGHT (FT)	WIDTH (IN)	DEPTH (IN)
MM1070206VCT	7	2	6
MM1080206VCT	8		



MM1070206VCT

# MM6 HORIZONTAL MANAGERS & END PANELS

## MM6HM

### Mighty Mo 6 Horizontal Cable Management

The Mighty Mo 6 horizontal cable management provide organized management for cables within the rack. Each panel features a double hinged cover that opens for cable access during moves, adds, and changes.

PART NO.	PANEL TYPE	MANAGEMENT TYPE	HEIGHT (RU)	MAXIMUM RING FILL CAPACITY (CAT6 CABLES)
MM6HMF1RU	Single-Sided	Multiple Fingers	1	85
MM6HMF2RU			2	110
MM6HMF4RU			4	325
MM6HM61RU		6-Port Finger Spacing	1	85
MM6HM62RU			2	110
MM6HM81RU		8-Port Finger Spacing	1	45
MM6HM6D2RU	Double-Sided	6-Port Finger Spacing	2	110
SHMC1RU*	Single-Sided	Multiple Fingers	1	85
SHMC2RU*			2	110
DHMC1RU*	Double-Sided		1	85
DHMC2RU*			2	110

\*Use with the Q-Series managers and the Mighty Mo 6E.

### Mighty Mo 6 Cable Management Accessories

PART NO.	DESCRIPTION	LOCATION
MM20CMS10-B	Mighty Mo Cable Management Spools 11"L for 10", 12" and 16"W VMD or VMS Style Managers, 4-Pack	Manages excess fiber cable slack, providing flexibility and the proper bend radius for cables
MM6BLC	Mighty Mo 6 Bend Limiting Clip 3.25" long for VMD or VMS Style Managers, Set of 12	Mount in any direction on any cage finger to provide bend limitation that can be customized to any equipment mounted on the Mighty Mo 6
MM6CBLYY	Mighty Mo 6 Channel Bend Limiters, Set of 2	Clips onto the top edge of Mighty Mo channels to provides the proper bend radius for cables entering the channel
MM6CEKYY	Mighty Mo 6 Ceiling Extension Kit	Extends the rack channels 24" vertically, providing protection and management of horizontal cables coming in from the ceiling
MM6CRBY	Mighty Mo 6 Cable Runway Mounting Bracket	Allows cable runway to be secured parallel to channel racks, providing mounting locations for multiple runway sizes from 6in to 18in

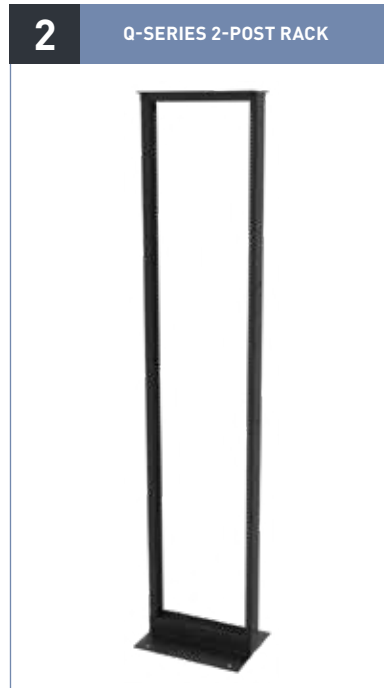
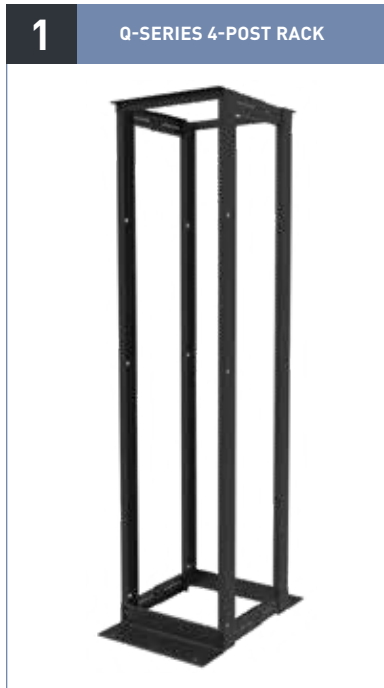
NOTE: YY is for channel depth: "06" for racks with 6.5in channel, "10" for racks with 10.5in channel, "16" for racks with 16.25in channel.

### Mighty Mo 6 End Panels

PART NO.	DESCRIPTION	LOCATION
MM6EPXYY	Mighty Mo 6 End Panel	Used to finish the end of a row of Mighty Mo 6 racks, providing a clean and professional look while concealing cables in the rack channel. For use with 6in Mighty Mo 6 vertical cable managers
MM6EPNXYY	Mighty Mo 6 Narrow End Panel	Used to finish the end of a row of Mighty Mo 6 racks, providing a clean and professional look while concealing cables in the rack channel. For use with 10in or 12in Mighty Mo 6 vertical cable managers
MM10EPS	End Panel Support Bracket Kit	Supports the rear of the narrow end panels when used with the 10in or 12in wide vertical managers

NOTE: X is height: "7" for 7ft (45RU), or "8" for 8ft (51RU), YY is for channel depth: "06" for racks with 6.5in channel, "10" for racks with 10.5in channel, "16" for racks with 16.25in channel.

# Q-SERIES CABLE MANAGEMENT SYSTEM



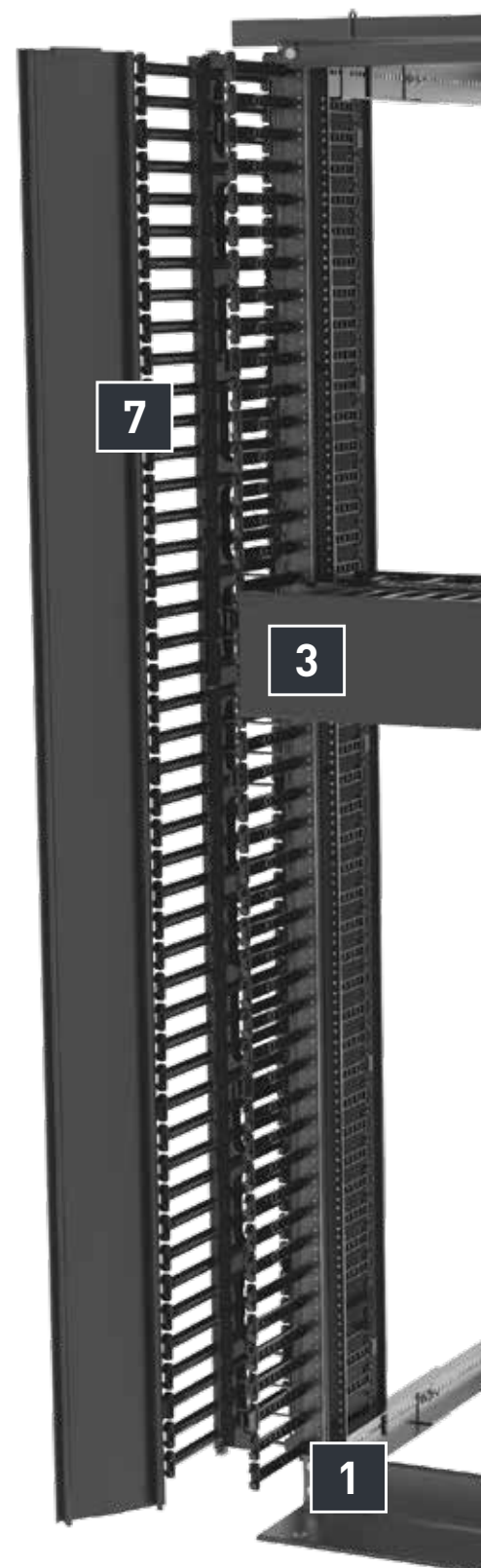
The Q-Series 4-post and 2-post racks provide a solid foundation for mounting patch panels, hubs, routers and other networking equipment. Made of 6061-T6 structural grade aluminum, Q-Series racks provide an open design that allows for expansion, making them ready to adapt to future needs. The design also expands installation opportunities by enabling cross-connects, facilitating cable management and eliminating heat build-up.

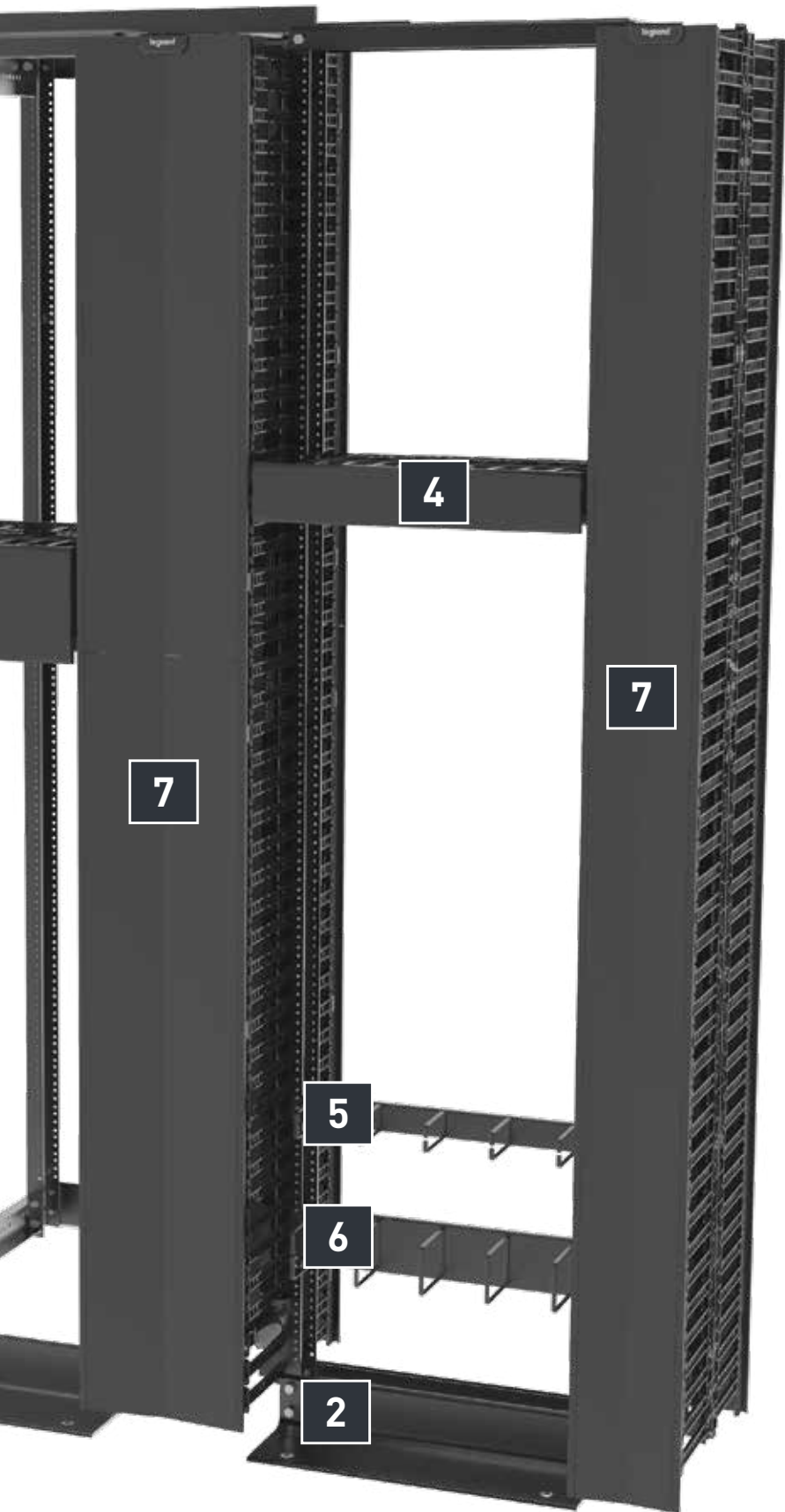
## Features:

- Mounts 19" equipment and includes cross-recessed panel mounting screws
- Mounting holes are roll formed for work hardened thread system
- Top angles and patented reinforced base are standard
- Includes hardware for quick and easy assembly
- Allows excellent cable management opportunities

## Specifications:

- Standard EIA universal mounting hole pattern
- Equipped with standard 1/2" junctioning holes for securing multiple-rack lineups
- Constructed of 6061-T6 structural grade aluminum
- Meets EIA-310 standards
- Listed to the UL 1863 Standard for Communication Circuit Accessories
- 4-post racks feature depth adjustments in 1/2" increments
- 2-post racks feature 3" x 1-1/4" channel uprights





3

4RU DOUBLE-SIDED HORIZONTAL  
CABLE MANAGER



4

2RU DOUBLE-SIDED HORIZONTAL  
CABLE MANAGER



5

1RU CABLE MANAGEMENT PANEL



6

2RU CABLE MANAGEMENT PANEL



7

Q-SERIES VERTICAL MANAGER



# Q-SERIES RACKS, VERTICAL & HORIZONTAL MANAGERS

## T2SD / T4SDA

### 2-Post & 4-Post EIA Q-Series Racks

PART NO.	TYPE	RU	HEIGHT	WIDTH	DEPTH	LOAD RATING (LBS)
19-72-T2SD*	2-Post	38	72"	20.19"	3"	750
19-84-T2SD*		45	84"			
19-96-T2SD*		51	96"			
19-84-T4SDA1520	4-Post	45	84"		15"-20"	1,000
19-84-T4SDA2132		45	84"		21"-32"	
19-96-T4SDA2132		51	96"			

\*Add "B" to the end of the item number for a black finish



19-72-T2SD

## QVMS / QVMD / SVMS / DVMS

### Q-Series Vertical Managers

PART NO.	SIDED TYPE	HEIGHT (FT-X)	WIDTHS (IN-YY)	DEPTHS (IN)
QVMSXY*	Single	6, 7, 8	04, 06, 10, 12	8.94
QVMDXY*	Double			17.36
SVMSXY*	Single		04, 06	6.58
DVMSXY*	Double			13.17

PART NO.	DESCRIPTION
60400687	Vertical Management Bracket Adapter kit



QVMS706

\*\*"X" is height and "YY" is width

### Q-Series Horizontal Managers

PART NO.	HEIGHT (RU)	DEPTH (IN)	SIDED TYPE	MANAGEMENT TYPE	# OF RINGS	CUTOUTS (H X W)
SHMC1RU*	1	7.25	Single	Fingers	—	Four – 1" x 2"
SHMC2RU*	2					Four – 1.5" x 2"
SHMC3RU	3					Eight – 1.5" x 2"
SHMC4RU	4					Eight – 2.5" x 2"
DHMC1RU*	1	14.25	Double			Four – 1" x 2"
DHMC2RU*	2					Four – 1.5" x 2"
DHMC3RU*	3					Eight – 1.5" x 2"
DHMC4RU*	4					Eight – 2.5" x 2"
60400129	1	3.5	Single	Rings	5	—
60400057	2	3.5				—
60400131	1	3.5				Four – 1" x 2"
808004759	1	2.7				—
808004818	2	4.8				—
808044916	2	2.0				Four – 1.5" x 2"
808004867	3	2.4				—

\*Add "B" for black or "W" for white



# Q-SERIES SHELVES

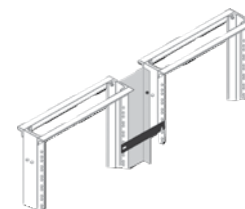
## Q-Series Shelves

PART NO.	SHELF TYPE	HEIGHT (RU)	DEPTH (IN)	USEABLE WIDTH (IN)	LOAD RATING (LBS)
60400404	Solid, Cantilevered	3	10.13	17.25	75
60400006	Solid, Cantilevered	3	12.13	17.25	75
60400405	Solid, Cantilevered	3	15.13	17.25	75
ES-19-3B	Solid, Adjustable (3" or 6" channel racks)	2	15.5	17.38	150
ES-19-4B	Solid, Adjustable (3" or 6" channel racks)	2	15.5	17.38	150
ES-19-FDR1520	Solid, Adjustable	2	15 – 20	17.5	Center – 125 Distributed – 300
ES-19-FDR2126	Solid, Adjustable	2	21 – 26	17.5	Center – 125 Distributed – 300
ES-19-FDR2732	Solid, Adjustable	2	27 – 32	17.5	Center – 125 Distributed – 300
ES-19-FMB	Solid, Cantilevered	3	14	17.25	75
ES-19-MCSB	Solid, Cantilevered	3	12	17.5	50
ES-19-SDR1520F	Solid, Fixed, Dual	1	20.5	17.5	Center – 125 Distributed – 300
ES-19-SDR2126F	Solid, Fixed, Dual	1	26.5	17.5	Center – 125 Distributed – 300
ES-19-SDR2732F	Solid, Fixed, Dual	1	32.5	17.5	Center – 125 Distributed – 300
604045081	Vented, Cantilevered	1	24	17.5	85
ESV-19-FMB	Vented, Cantilevered	3	14	17.25	75
604045401	Vented, Cantilevered	3	16	17.5	50
604044486	Vented, Fixed	3	18	17.5	35
60400538	Vented, Adjustable	1	30.25	17.5	200
604045388	Vented, Adjustable	4	20	17.5	150
604045681	Vented, Adjustable	1	20	19	100
ESV-19-3B	Vented, Adjustable (3" or 6" channel racks)	2	15.5	17.38	150
ESV-19-4B	Vented, Adjustable (3" or 6" channel racks)	2	15.5	17.38	150
ESV-19-FDR1520	Vented, Adjustable	2	15 – 20	17.5	Center – 125 Distributed – 300
ESV-19-FDR2126	Vented, Adjustable	2	21 – 26	17.5	Center – 125 Distributed – 300
ESV-19-FDR2732	Vented, Adjustable	2	27 – 32	17.5	Center – 125 Distributed – 300
ESV-19-FST1520	Vented, Adjustable, Pull-Out	2	20.17	17.5	275
ESV-19-FST2126	Vented, Adjustable, Pull-Out	2	26.17	17.5	275
ESV-19-FST2732	Vented, Adjustable, Pull-Out	2	32.17	17.5	275

# Q-SERIES CABLE MANAGEMENT & ACCESSORIES

## Cable Management

PART NO.	DESCRIPTION	DIMENSIONS (H, W, D) (IN)	COLOR	FUNCTION
CB-93-6	Cable Bracket	0.75, 0.71, 6.00	Gray	Secures cables or route cables vertically when attached to any rack
CB-93-7		0.75, 0.71, 7.00		
CB-93-8		0.75, 0.71, 8.00		
VCB-93-6L*	Vertical Control Bracket	1.00, 8.56, 0.06	Black	Creates a pathway to provide backside cable containment for delivering horizontal cables to patch panels
VCB-93-6U*		1.00, 7.28, 2.73		
VCB-93-6UH*		1.00, 7.28, 3.69		
VCB-93-6H*		1.00, 8.56, 6.00		
CR-93S-1B	Cable Ring	3.50, 0.91, 2.50	Black	Provides versatile cable management to channel cables from the floor or ceiling to patch panels
CR-93S-3B		3.50, 0.91, 4.75		
CR-93S-2B		3.50, 2.19, 2.50		
CR-93S-4B		3.50, 2.19, 4.75		
VO-84-T3E	Vertical Organizer	80.00, 3.00, 5.31	Black	Delivers horizontal cables to patch panels with rings in the front and feed through holes (VO-84-T3FTE only) organize patch cords between equipment racks or at the end of a lineup
VO-84-T3FTE		80.00, 3.00, 5.31		



VCB-93-6L



VO-84-T3E

\*Use in conjunction with SVMS and DVMS 6" vertical management.

## Junction Plates

PART NO.	DESCRIPTION	DIMENSIONS (H, W, D) (IN)	COLOR	FUNCTION
JP0606B	Junction Plate	7.50, 4.00, 0.25	Black	Used for junctioning cable runway and equipment racks. Runway can be junctioned parallel or perpendicular to rack
JP0612B		12.50, 4.00, 0.25		
JP1218B		18.50, 4.00, 0.25		
JP1824B		24.50, 4.00, 0.25		



JP0612B

## Accessories

PART NO.	DESCRIPTION	COLOR	FUNCTION
RRJC-T	Adjustable Runway Mounting Kit	Silver	Mounts runway to adjustable dual equipment rack
RRJC-S*			
IPK	Rack Isolation Pad Kit	—	Isolates a rack from concrete floors for effective bonding and grounding
GR-19B	Guard Rail	Black	Protects equipment from accidents



RRJC-T

\*Includes longer brackets for deeper ladder rack.

# Custom Solutions

Delivering Your Ideas From Concept To Finished Product

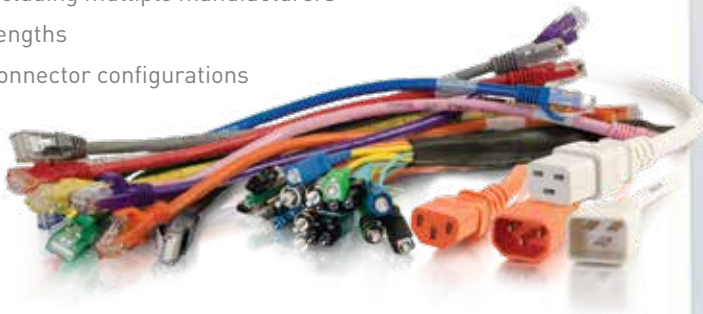
## CUSTOM ENCLOSURES

- Sales engineering team developing customer specific solutions
- 3D web reviews to develop and review concepts and ideas
- Physical modifications including:
  - Height, width, depth
  - Color
  - Cable management installation and hole locations for specific cable entry locations (top panels and side panels)
  - Airflow management
  - Power mounting



## TRANSCEIVERS AND DAC

- Programming for specific applications, including multiple manufacturers
- Lengths
- Connector configurations



## FIBER, COPPER AND POWER

- Colors
- Lengths
- Connector configurations
- Jacket types



# SWING-EZ WALL RACKS

The patented Swing-EZ wall rack arrives ready to square and keyholes mount in minutes. Reinforcement plates stabilize the frame to allow maximum load bearing capacity. Hub and LAN applications are easily accommodated without door deflection. Latch pins or bolts secure the door to the frame and remove to swing open smoothly from the left or right.

## Features:

- Opens to allow easy access to terminations without disturbing terminations
- Both latch pins and bolts are included
- Hook and loop straps feed into slots for backside cable management
- Side panels fold flat for shipping, then unfold for easy on-site assembly
- 5/8", 5/8", 1/2" universal mounting hole pattern
- Mounting holes threaded for #12-24 hardware
- Includes cross-recessed #12-24 black panel mounting screws
- Made of steel
- Meets EIA-310 standards
- Listed to the UL 1863 Standard for Communications Circuit Accessories

## Swing-EZ Wall Racks



19-21-T8DB

PART NO.	DIMENSIONS	RU	LOAD RATING
19-21-T8DB	21"H x 19.75"W x 8"D	11	75 lbs
19-35-T8DB	35"H x 19.75"W x 8"D	19	75 lbs
19-21-T12DB	21"H x 19.75"W x 12"D	11	75 lbs
19-35-T12DB	35"H x 19.75"W x 12"D	19	75 lbs
19-48-T12DB	48"H x 19.75"W x 12"D	26	75 lbs
19-21-T18DB	21"H x 19.75"W x 18"D	11	75 lbs
19-35-T18DB	35"H x 19.75"W x 18"D	19	75 lbs
19-48-T18DB	48"H x 19.75"W x 18"D	26	75 lbs
19-21-T25DB	21"H x 19.75"W x 25"D	11	75 lbs
19-35-T25DB	35"H x 19.75"W x 25"D	19	75 lbs
19-48-T25DB	48"H x 19.75"W x 25"D	26	75 lbs

NOTE: Black finish. Load rating based on using swing feature. Load increases when fixed.

## Cable Management Panel

Legrand® cable management panels provide organized patch cables horizontally and vertically on Swing-EZ wall mount racks – Black.



HFM-19-2

PART NO.	DESCRIPTION
OR-HFM-19-2	Front Rings: Vertical 1.75"W x 3.75"D, Front Rings: Horizontal 1.75"H x 1.75"D, Back Rings: Horizontal 2.5"H x 1.62"D, 2 RU (1.75")

# HEAVY DUTY SWING-EZ WALL RACKS

Patented heavy duty Swing-EZ wall racks are designed to mount heavier networking equipment in tight closets. A 12-gauge steel reinforcement pan attached to the bottom of the rack provides added strength. The pan works in conjunction with the stabilization plates and the self-squaring feature, allowing sturdy, dependable 150 lbs equipment loads. The 25" depth allows plenty of room to open and close fully loaded with patch panels, hubs and routers.

## Features:

- 150 lbs load rating accommodates hubs and routers
- Swings open to the left or right for access to terminations
- Hook and loop straps included for backside cable management
- Self-squaring assembly
- Mounting holes threaded for #12-24 hardware
- Includes cross-recessed black panel mounting screws
- 5/8", 5/8", 1/2" universal mounting hole pattern
- Meets EIA-310 standards
- Made of steel
- Both latch pins and bolts included for easy rear access
- Listed to the UL 1863 standard for communications Circuit Accessories



19-35-T25DHYDTB

## Heavy Duty Swing-EZ Wall Racks

PART NO.	DIMENSIONS	RU	LOAD RATING
19-21-T25DHYDTB	24.25"H x 19.75" W x 25"D	11	150 lbs
19-35-T25DHYDTB	38.25"H x 19.75" W x 25"D	19	150 lbs

NOTE: Fully assembled, supplied with 10 self-adhesive saddles and (12) 6" hook and loop straps.

## IT PROJECT ASSURANCE

FOR LARGE IT DEPLOYMENTS THAT REQUIRE:

Guaranteed Compatibility | Quick-Turn Procurement | Simplified Installation

PUT US TO  
WORK FOR YOU:



SIMPLIFYING  
IT PROJECT  
DEPLOYMENTS IN:

- Retail
- Healthcare
- Hospitality
- Federal, State, Local Government
- K-12 and Higher Education
- Digital Signage
- Custom Applications

# STANDARD WALL MOUNT RACK

Legrand® wall mount racks and hinged wall mount brackets are designed for applications where space is critical. Their wall mount design increases closet wiring capacity while allowing rear access to patch panels and equipment.



604045400

## Wall Mount Racks

Legrand wall mounted racks offer the flexibility of an 18" (457 mm) deep wall mounted unit for mounting telecommunications and data equipment. They are available in three heights, with front swing gates and 19" #12-24 threaded EIA pattern – Black.

PART NO.	DIMENSIONS	RU	LOAD RATING
604045400	26"H x 20.25"W x 18"D	12	75 lbs
604045450	38"H x 20.25"W x 18"D	18	100 lbs
604045451	50"H x 20.25"W x 18"D	25	125 lbs

NOTE: Fully assembled, supplied with 10 self-adhesive saddles and (12) 6" hook and loop straps.



WMRF-15-12

## Fixed Wall Mount Racks

Legrand fixed wall mount racks offer the flexibility of either a 12" or 18" deep wall mounted unit for mounting 19" telecommunications and data equipment. They are available in three heights with #12-24 threaded EIA rails – Black.

PART NO.	DIMENSIONS	RU	LOAD RATING
WMRF-8-12	17.75"H X 19.78"W X 12"D	8	200 lbs
WMRF-15-12	30"H X 19.78"W X 12"D	15	200 lbs
WMRF-30-12	56.25"H X 19.78"W X 12"D	30	175 lbs
WMRF-8-18	17.75"H X 19.78"W X 18"D	8	150 lbs
WMRF-15-18	30"H X 19.78"W X 18"D	15	150 lbs
WMRF-30-18	56.25"H X 19.78"W X 18"D	30	125 lbs

NOTE: Assembly required. Supplied with (50) #12-24 mounting screws.

# HINGED & VERTICAL WALL MOUNT BRACKETS



604004396



604004301



604004645

## Hinged Wall Mount Brackets

Legrand® hinged wall mount brackets meet smaller system requirements and allow easy access to the rear of the panels. Holes in back allow for rear cable feed through. These brackets are available in four heights, with 19" #12-24 threaded EIA pattern Fully assembled – Black.

PART NO.	DIMENSIONS	RU	LOAD RATING
604004396	26"H x 20.25"W x 18"D	12	75 lbs
604004301	38"H x 20.25"W x 18"D	18	100 lbs
604004068	38"H x 20.25"W x 18"D	18	100 lbs
604004645	50"H x 20.25"W x 18"D	25	125 lbs



WMBV4U

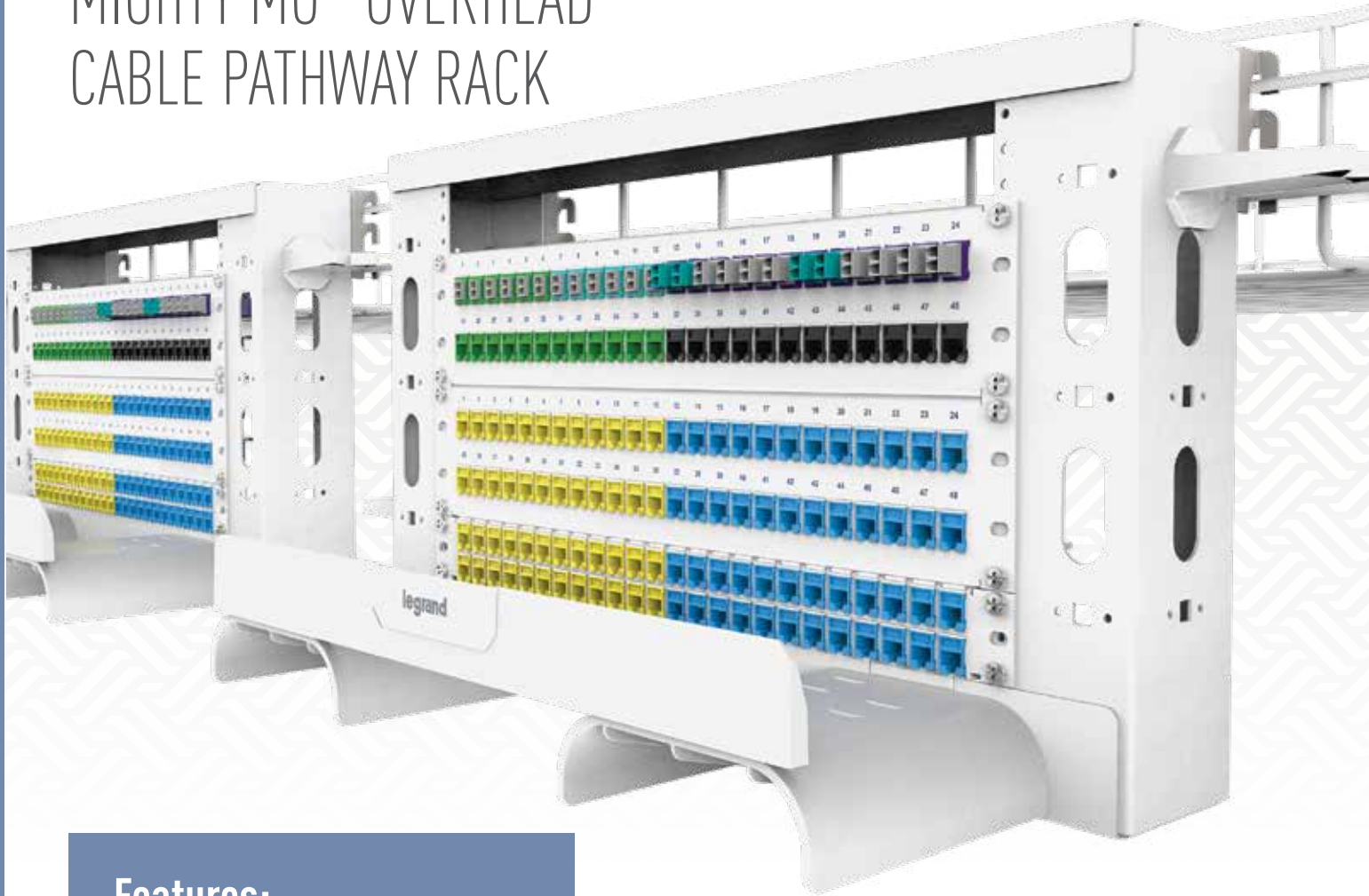
## Vertical Wall Mount Brackets

Legrand vertical wall mount brackets provide the ability to mount up to 4 rack units of equipment vertically on a wall. The innovative design also allows the brackets to be mounted to a 19" rack, under a work surface or even under Cablofil tray with optional hardware. The 3/8" square holes and installed #12-24 RU nuts allow patch panels, switches or even servers to be mounted to the brackets – Black.

PART NO.	DIMENSIONS	RU	LOAD RATING
WMBV2U	20.25"W x 4.58"D x 6"H	2	200 lbs
WMBV3U	20.25"W x 6.35"D x 6"H	3	200 lbs
WMBV4U	20.25"W x 8.10"D x 6"H	4	200 lbs

Notes: Supplied with (4) #12-24 screws per rack unit and (10) 6" hook and loop fasteners.

# MIGHTY MO<sup>®</sup> OVERHEAD CABLE PATHWAY RACK



## Features:

- Available in one RU increments from 2RU through 8RU
- Will mount to the following:
  - Legrand's Cablofil<sup>®</sup> and tubular runway in both parallel and perpendicular directions
  - Multiple locations across the face of Cablofil and tubular runway threaded rod
- 3-piece snap fit plastic waterfall installs after racks are installed
- Removable waterfall front face provides for full access to first rack RU location
- Interchangeable easy clip Cablofil and tubular runway brackets
- No frame assembly required  
12-24 threaded 19" EIA mounting holes
- Lightweight, easy to install  
four cable management rings included

## Mighty Mo Overhead Cable Pathway Rack

The Mighty Mo overhead cable pathway rack simplifies above-rack cable management by adding RU space for patch panels without taking up any additional floor space. The racks can be easily installed in several orientations using threaded rods suspended from the ceiling or by being attached to existing overhead cable pathway systems from Legrand, including Cablofil<sup>®</sup> wire mesh tray and tubular runway.

The Mighty Mo overhead cable pathway rack features up to eight rack units and a snap-fit 3-piece plastic waterfall which allows for exceptional cable egress down to adjacent racks or cabinets. Manufactured from a welded steel frame, the rugged overhead rack is ready to install right out of the box, perfect for new builds or retrofits in data centers and telecom rooms.

\*Note: Patch panels and jacks sold separately.





## Part Numbers

The Mighty Mo® cable pathway rack series is available in RU increments from 2RU through 8RU, and in both black and white.

PART NO.	DESCRIPTION	COLOR
MMOHR-2RU-W	Mighty Mo Overhead Cable Pathway Rack, 2RU	White
MMOHR-2RU-B	Mighty Mo Overhead Cable Pathway Rack, 2RU	Black
MMOHR-3RU-W	Mighty Mo Overhead Cable Pathway Rack, 3RU	White
MMOHR-3RU-B	Mighty Mo Overhead Cable Pathway Rack, 3RU	Black
MMOHR-4RU-W	Mighty Mo Overhead Cable Pathway Rack, 4RU	White
MMOHR-4RU-B	Mighty Mo Overhead Cable Pathway Rack, 4RU	Black
MMOHR-5RU-W	Mighty Mo Overhead Cable Pathway Rack, 5RU	White
MMOHR-5RU-B	Mighty Mo Overhead Cable Pathway Rack, 5RU	Black
MMOHR-6RU-W	Mighty Mo Overhead Cable Pathway Rack, 6RU	White
MMOHR-6RU-B	Mighty Mo Overhead Cable Pathway Rack, 6RU	Black
MMOHR-7RU-W	Mighty Mo Overhead Cable Pathway Rack, 7RU	White
MMOHR-7RU-B	Mighty Mo Overhead Cable Pathway Rack, 7RU	Black
MMOHR-8RU-W	Mighty Mo Overhead Cable Pathway Rack, 8RU	White
MMOHR-8RU-B	Mighty Mo Overhead Cable Pathway Rack, 8RU	Black

## Benefits:

- Increase cable density and rack space within the same floor space
- Perfect location for top of rack patch panels
- Install in any location in minutes
- Mount above any rack or cabinet
- Manage network cabling to convenient locations
- White and black versions blend seamlessly with existing infrastructure
- Pathway racks are bonded throughout and have universal ground locations on all versions



Cablofil® Mounted

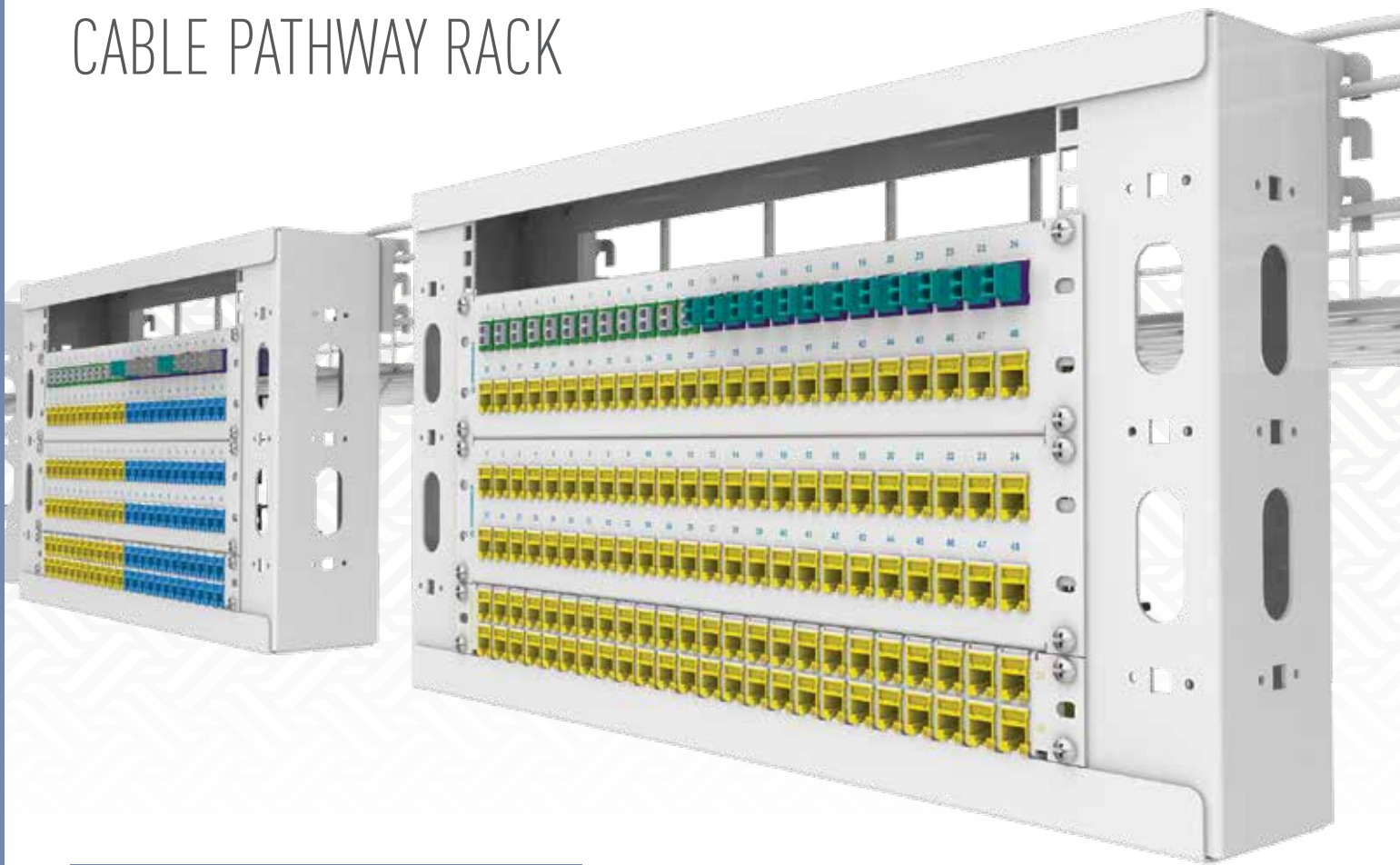


Tubular Runway Mounted



Threaded Rod Mounted

# Q-SERIES OVERHEAD CABLE PATHWAY RACK



## Features:

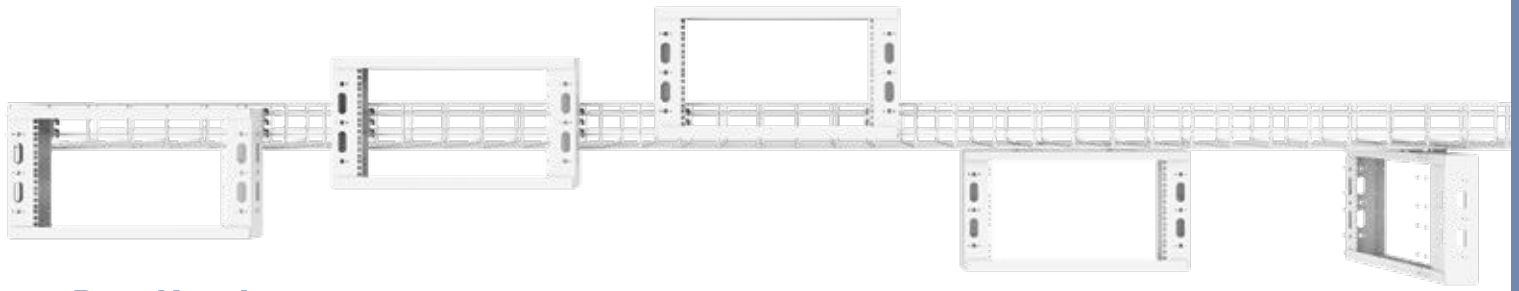
- Available in one RU increments from 2RU through 8RU
- Will mount to the following:
  - Legrand’s Cablofil® and tubular runway in both parallel and perpendicular directions
  - Multiple locations across the face of Cablofil and tubular runway threaded rod
- Interchangeable easy clip Cablofil and tubular runway brackets
- Welded frame—no assembly required
- 3/8” square hole punched 19” EIA mounting holes for cage nuts
- Lightweight, easy to install
- Optional cable management rings

## Q-Series Overhead Cable Pathway Rack

The Q-Series overhead cable pathway rack simplifies above rack cable management with an easy-to-install rack system that adds additional RU space without taking additional floor space. The overhead rack is designed to easily install to Legrand’s Cablofil wire-mesh tray, tubular runway, or suspended from threaded rod.

The unique design allows for any number of mounting locations and directions, so there is no limit to its uses. Made from a welded steel frame, it is rugged, and ready to install right out of the box. The Q-Series overhead racks are perfect for tech refresh designs in data centers and small data rooms, as well as large new installs.

\*Note: Patch panels and jacks sold separately.



## Part Numbers

The Q-Series cable pathway rack series is available in RU increments from 2RU through 8RU, and in both black and white.

PART NO.	DESCRIPTION	COLOR
QSOHR-2RU-W	Q-Series Overhead Cable Pathway Rack, 2RU	White
QSOHR-2RU-B	Q-Series Overhead Cable Pathway Rack, 2RU	Black
QSOHR-3RU-W	Q-Series Overhead Cable Pathway Rack, 3RU	White
QSOHR-3RU-B	Q-Series Overhead Cable Pathway Rack, 3RU	Black
QSOHR-4RU-W	Q-Series Overhead Cable Pathway Rack, 4RU	White
QSOHR-4RU-B	Q-Series Overhead Cable Pathway Rack, 4RU	Black
QSOHR-5RU-W	Q-Series Overhead Cable Pathway Rack, 5RU	White
QSOHR-5RU-B	Q-Series Overhead Cable Pathway Rack, 5RU	Black
QSOHR-6RU-W	Q-Series Overhead Cable Pathway Rack, 6RU	White
QSOHR-6RU-B	Q-Series Overhead Cable Pathway Rack, 6RU	Black
QSOHR-7RU-W	Q-Series Overhead Cable Pathway Rack, 7RU	White
QSOHR-7RU-B	Q-Series Overhead Cable Pathway Rack, 7RU	Black
QSOHR-8RU-W	Q-Series Overhead Cable Pathway Rack, 8RU	White
QSOHR-8RU-B	Q-Series Overhead Cable Pathway Rack, 8RU	Black
QSOHR-RMK-W	Runway Mounting Bracket Kit	White
QSOHR-RMK-B	Runway Mounting Bracket Kit	Black
QSOHR-CRB-W	Cable Management Ring, Kit of 4, 3"	White
QSOHR-CRB-B	Cable Management Ring, Kit of 4, 3"	Black
PS-1224CN	Cage Nuts 12-24 Thread, Pack of 50	N/A
RU-1224CN	RU Cage Nuts 12-24 x 3, Pack of 50	N/A

## Benefits:

- Increase cable density and rack space within the same floor square footage
- Perfect location for top of rack patch panels
- Install in any location in minutes
- Mount above any rack or cabinet
- Manage network cabling to into a convenient location
- White and black versions blend seamlessly with existing infrastructure
- Pathway racks are bonded throughout and have universal ground locations on all versions
- Supports up to 65 lbs in all variations
- Includes Mounting Bracket for Cablofil, Runway Mounting Bracket sold separately



Cablofil® Mounted



Tubular Runway Mounted



Threaded Rod Mounted



Hanging Cablofil Mounted

# POWER SYSTEMS & SOLUTIONS

Legrand offers a vast selection of power solutions that are designed to deliver exceptional distribution and backup performance, with a variety of density, capacity, and connector options for maximum compatibility. Our power systems and products are engineered with installation efficiency and performance in mind, providing the flexibility to design and efficiently install in any application environment. Build a robust and effective power distribution or backup solution with our offering—Power Distribution Units, Uninterruptible Power Supplies, Power Cords, Power over Ethernet Cables, and Connectivity.



# POWER SYSTEM APPLICATIONS

Legrand offers power solutions that are designed to deliver and backup power, with an array of density, capacity, and connector options for compatibility with nearly any application. Each product and system is engineered with installation efficiency and performance in mind—providing the flexibility to design and efficiently install in any **building network** or **data center** application, as defined below.



## Building Network

Commonly referred to as a Local Area Network (LAN) or Edge network, these applications connect computers, servers, switches, and other devices in a single building.



## Data Center

Commonly referred to as an Enterprise, Colocation, Edge, Hyperscale, or Storage Area Network (SAN), these applications connect a group of servers and storage devices.

Legrand offers a broad range of power distribution and backup systems, including Basic and Intelligent Power Distribution Units and Online and Line-Interactive Uninterruptible Power Supplies, that make the most of an IT budget. Legrand power systems deliver benefits like simple installation, easy administration, and high performance. As networks and data centers evolve to support higher bandwidths and new architectures, Legrand helps maximize power investments by designing our power systems to allow for quick swaps of components or simple firmware updates while utilizing the same equipment.

# UNINTERRUPTIBLE POWER SUPPLY (UPS)

A UPS is designed to protect attached from surges, spikes, equipment damage, data corruption, or data loss. This protection is accomplished by providing back up power in case of power loss, orderly shutdown of equipment, and power regulation to handle over and under voltages.

## Considerations & Common Applications

When selecting the UPS that will best fit, many variables must be taken into consideration:

- 1) What is the site's voltage?
- 2) What voltage do you need?
- 3) What are the power consumption requirements/sizing requirement of the UPS?
- 4) How long will equipment need to run in the case of a power outage?
- 5) Is a generator on site to provide backup power?
- 6) How much space is available?
- 7) Where will the UPS be installed?
- 8) What receptacles are needed by equipment (UPS Outlets)?
- 9) What receptacle is available for the UPS (Power Inlet Cord)?
- 10) Does the application require redundancy?
- 11) Does the battery run time need to be scalable?



## Selecting a Uninterruptible Power Supply (UPS)

### 1) Identify the equipment to back up

### 2) Determine total power consumption: VoltAmps (VA) or Watts (W)

- Determine individual equipment VA (Volts x Amps = Individual equipment VA)
- VA of individual equipment x quantity of individual equipment to be utilized = VA Subtotal
- Add all VA Subtotals together = Total
- Total x 1.2 = Grand Total
- Utilize the Grand Total to select the UPS (it is recommend to not exceed 80% of the UPS VA capacity)

### Converting VA to Watts

- Divide Watts by Power Factor = VA
- VA x Power Factor = Watts

Equipment	Volts	x	Amps	=	VA	x	Quantity of Equipment	=	VA Sub Total
xx-xxxx-x	120	x	10.1	=	1212	x	1	=	1212
zz-xxxx-y	120	x	3	=	360	x	3	=	1080
								Total	
								Factor to not exceed 80% UPS VA Capacity	x 1.2
								Grand Total	2750.4



### 3) Calculate the runtime needed during an outage

- 10-15 minutes is the duration of 95% of all power outages—having 10-15 minutes of run time will cover nearly every situation
- If relying on a generator expect between 1-5 minutes to startup

### 4) Choose a topology

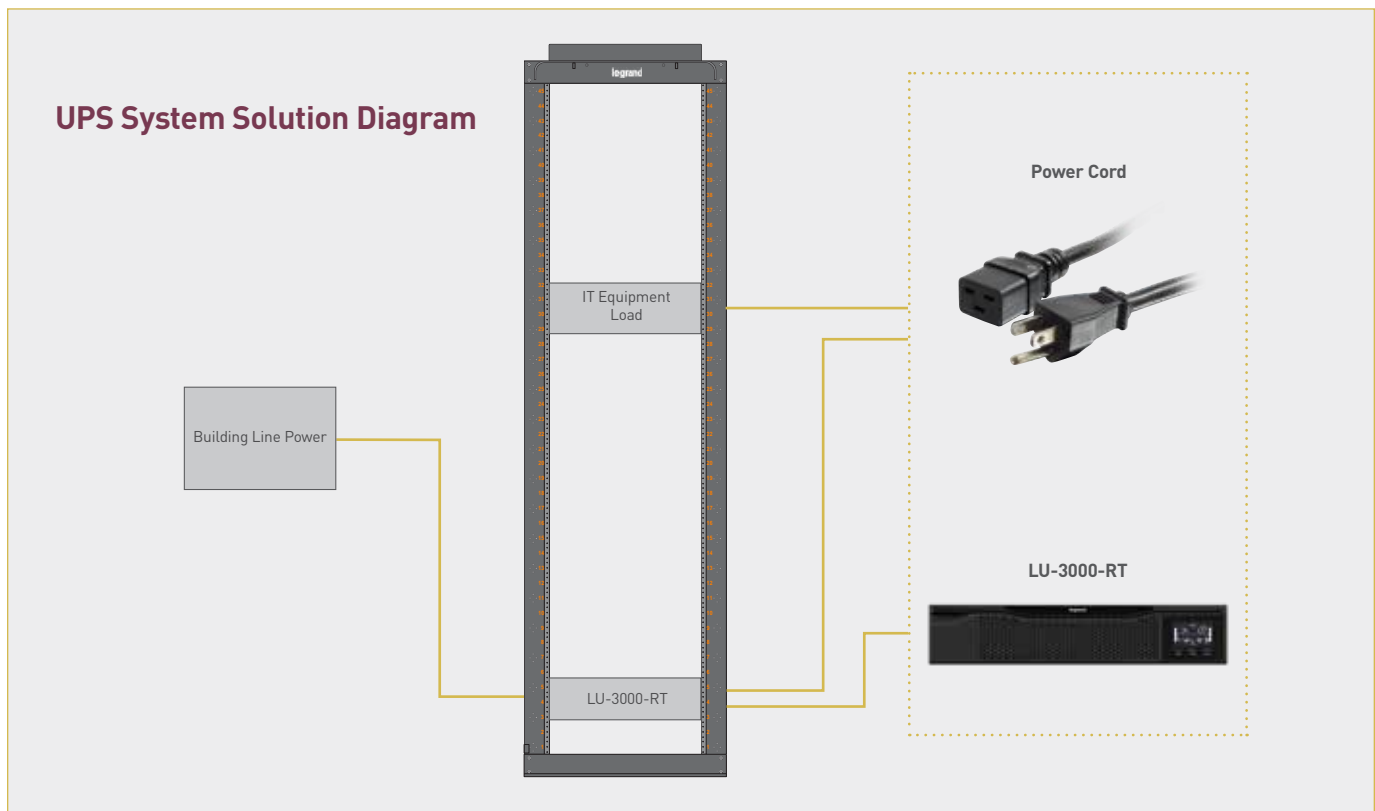
- Double-Conversion Online
  - A Double-Conversion Online UPS completely isolates output power from input power

Feature	Function	Benefit
Two inverters	Convert to DC to charge batteries—converted to AC to output to devices	Zero transfer time—power is always coming from the battery
Pure Sinewave Output	Output power is always a pure sinewave to provide clean, high-quality power to critical equipment	Prevents damage to the most critical equipment

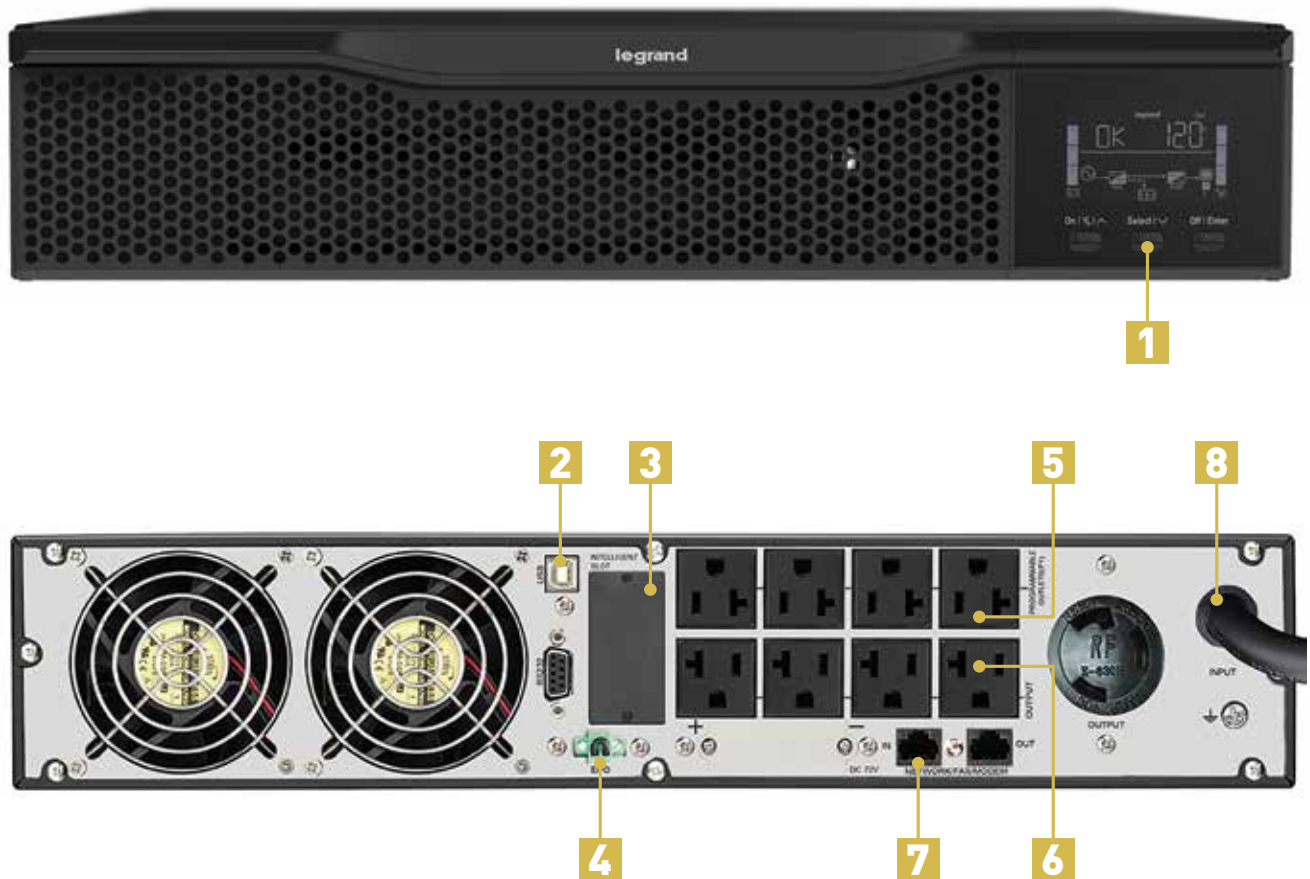
- Line Interactive
  - A Line Interactive UPS uses Automatic Voltage Regulation (AVR) to provide minor corrections in power without switching directly to battery

Feature	Function	Benefit
Automatic voltage regulator	Corrects low or high voltage without switching to battery	Preserves the longevity of the internal battery pack
2-6 millisecond transfer time	Transfers to battery backup power when input power is lost or out of acceptable range	Prevents damage to critical equipment

**NOTE:** The "Selecting a Uninterruptible Power Supply (UPS)" section and "Selecting a UPS" section is provided only for guidance and convenience. Its calculations are not warranted by Legrand. Check all your work with actual measurements, seek guidance from Legrand support, or for project support reach out to Legrand's Technology Center of Excellence.



# UPS IN DETAIL



## 1 LCD Control Panel

Bright screen with configuration control, load information, mode operation, and battery information

## 2 Communication Ports

USB & RS232 ports enable direct connection, communication, and control to the UPS

## 3 SNMP Card Slot

Optional SNMP network card allows remote access and control via a network connection

## 4 Emergency Power Off

Emergency Power Off (EPO) is a safety shutoff. In the case of emergency, all power from the UPS will cease

## 5 Programmable Outlets

Allows for unattended shutdown of non-critical devices during power failure after user-specified length of runtime

## 6 Outlet Receptacles

Provides backup power to attached devices during short term power loss or ensures a smooth transition to generators during longer outages

## 7 Network Surge Protection

Enables surge protection to a network connection such as a router or modem

## 8 AC Inlet

Power input for the UPS system



# DOUBLE-CONVERSION ONLINE UPS

Protect mission critical hardware in IT closets, voice and data networks, unmanned facilities, light industrial, and financial branches through double-conversion online power protection. Multiply the reach and ability of IT staff and caretakers through a single portal, providing visibility and control of power usage and available capacity—simplifying maintenance responsibilities for taxed IT departments.

## FEATURES:

- **Zero Transfer Time:** Seamless transfer of power from AC to battery and inverter to bypass
- **True Double-Conversion:** Provides the highest protection from raw input power (surges, spikes, and dips)
- **Pure Sinewave Output:** Provides the ideal waveform for the most sensitive equipment
- **Wide Input Voltage Range:** Enables stable wide range application usage
- **Input Power Factor Correction  $\geq 0.9$ :** Optimized and ideal efficiency at full load
- **Programmable Outlet Bank:** Ensures efficient and timely powering down of attached non-critical equipment
- **Designed to Work in Tandem with a Generator:** Ensures smooth transition to generators during longer outages
- **Optional Remote Management Control:** Provides visibility and control of power usage and availability, both on-site or at a remote unmanned facility
- **4-Post Rack Mounting Kit:** Included for simplified rack mounting
- **Tower Mounting Option:** Includes feet for non-rack applications, enabling the UPS to stand up by providing stability



## DOUBLE-CONVERSION ONLINE UPS – SINGLE-PHASE

Part No.	Topology	Runtime Under Load (minutes)		Form Factor	Inlet Plug	Nominal Voltage (V)	5-15R	5-20R	L5-30R	Power Capacity (VA)	Power Capacity (W)	Output Voltage (V)	Power Factor @ 120V	Remote Management
		Half	Full											
LU-1000-RT	Double-Conversion Online	10.1	3.0	2U Rack/Tower	5-15P	80-150V	8			1000	1000	100/110/115/120/127 V	$\geq 0.99$	Smart RS-232
LU-1500-RT		10.3	3.0		5-15P		8			1500	1300		0.9	USB
LU-2000-RT		9.9	3.0		5-20P			8		2000	1850			Optional SNMP Card
LU-3000-RT		10.1	3.0		L5-30P			8	1	3000	2740			

# LINE INTERACTIVE UPS

Protect critical hardware in IT closets, data networks, retail, and financial branches through automatic voltage regulation (AVR) to correct voltage irregularities without switching to battery. Multiply the reach and ability of IT staff and caretakers through a single portal, providing visibility and control of power usage and available capacity—simplifying maintenance responsibilities for taxed IT departments.

## FEATURES:

- **Ultra Low Transfer Time:** Quick transfer of power from AC to battery
- **Automatic Voltage Regulation (AVR):** Corrects voltage irregularities without switching to battery
- **Pure Sinewave Output on Battery Mode:** Provides the ideal waveform for the most sensitive equipment
- **Wide Input Voltage Range:** Enables stable wide range application usage
- **Input Power Factor 0.9:** Optimized and ideal efficiency at full load
- **Programmable Outlet Bank:** Power management outlets enable programmable control of load segments to extend battery time to mission critical equipment
- **Optional Remote Management Control:** Provides visibility and control of power usage and availability, both on-site or at a remote unmanned facility
- **4-Post Rack Mounting Kit:** Included for simplified rack mounting
- **Tower Mounting Option:** Includes feet for non-rack applications, enabling the UPS to stand up by providing stability

## LINE-INTERACTIVE UPS – SINGLE-PHASE

Part No.	Topology	Runtime Under Load (minutes)		Form Factor	Inlet Plug	Input Voltage Range (V)	5-15R	5-20R	L5-30R	Power Capacity (VA)	Power Capacity (W)	Output Voltage (V)	Power Factor @ 120V	Remote Management
		Half	Full											
LU-1100-RTL	Line-Interactive	10.2	3.0	2U Rack/ Tower	5-15P	81-145V	8			1100	990	100/110/ 115/120/ 127 V	0.9	Smart RS-232
LU-1500-RTL		12.8	4.5		5-15P		8		1440	1296	USB			
LU-2000-RTL		12.0	3.8		5-20P			8	1920	1728	Optional SNMP Card			
LU-3000-RTL		12.3	4.0		L5-30P		6	1	2880	2592				

## UPS ACCESSORIES

Legrand offers a variety of accessories for UPS systems including an SNMP Network Card to enable network interface for monitoring and control, battery expansion packs to extend runtime, and replacement batteries for hot-swappable replacement of battery units.

Part No.	Description	Online						Line Interactive			
		KVA						KVA			
		1	1.5	2	3	6	10	1.1	1.5	2	3
LU-IPCARD	Legrand SNMP Network Card	•	•	•	•	•	•	•	•	•	•
LU-BATT1	Battery Expansion Pack	•						•			
LU-BATT2	Battery Expansion Pack		•								
LU-BATT3	Battery Expansion Pack			•					•	•	
LU-BATT4	Battery Expansion Pack				•						•
LU-RPB1	Replacement Battery 12V,9AH	•	•	•	•		•	•		•	•
LU-RPB2	Replacement Battery 12V,7AH					•			•		



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# POWER DISTRIBUTION UNIT (PDU)

A PDU is designed to distribute power to attached equipment. Networked PDU models provide remote monitoring and control, alert notifications, and visibility of usage, power problems, and availability to IT staff. This is accomplished through the Legrand® PDU controller, which allows for delayed power sequencing, power regulation, and the aggregation of sensors and electronic door locks.

## Selecting a Power Distribution Unit (PDU)

### 1) Determine form-factor

- Vertical: 0U
- Horizontal: 1U or 2U (19" EIA)

### 2) Verify the PDU input voltage, phase, and current that will work with the feed to your rack or cabinet and with the connected equipment

- Voltage: 120 or 208V
- Phase: Single-phase
- Current:

Input Current	Input Current Rated
15 Amps	12 Amps
20 Amps	16 Amps
30 Amps	24 Amps

### 3) Determine the input-plug type that will work with the feed to your rack or cabinet

- NEMA 5-15P
- NEMA 5-20P
- NEMA L5-20P
- NEMA L5-30P
- NEMA L6-20P
- NEMA L6-30P



NEMA 5-15P



NEMA 5-20P



NEMA L5-20P



NEMA L5-30P



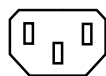
NEMA L6-20P



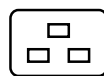
NEMA L6-30P

### 4) Determine the outlet receptacle types and quantities needed to power the equipment connected to the PDU

- IEC C13
- IEC C19
- NEMA 5-15R/5-20R



IEC C13



IEC C19



5-15R/5-20R

### 4) Remote access and control requirements

#### Non-Intelligent PDUs

- **Basic PDUs:** Basic PDUs distribute voltage and current to power IT equipment in racks and cabinets.

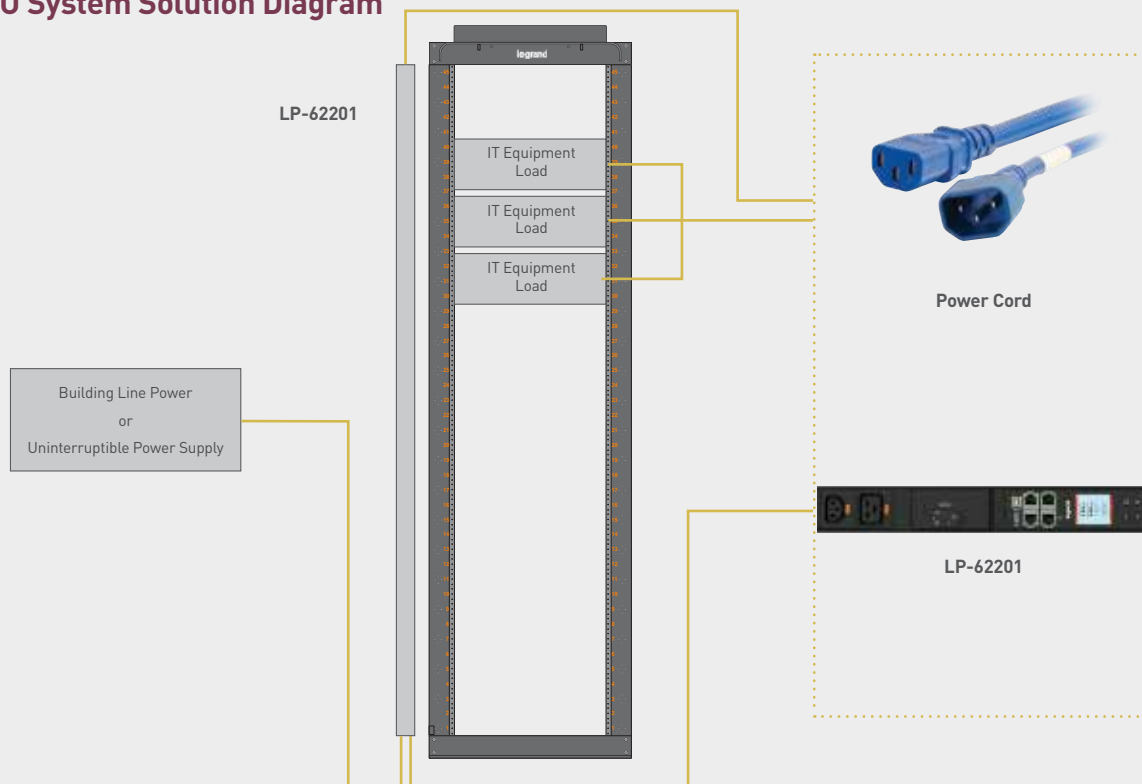
#### Networked PDUs

- **Network Metered PDUs:** Network Metered PDUs offer the same power distribution capabilities as the Basic PDUs, but also meter power at the PDU inlet-level. Network Metered PDUs display the inlet power data both locally and over a network. They also allow for sensors and electronic door locks to be connected and monitored through the PDU interface.
- **Network Switched PDUs:** Network Switched PDUs offer the same features as Network Metered PDUs, but also enable authorized users to securely power-cycle outlets remotely. Network Switched PDUs minimize inrush currents through power sequencing, prevent unauthorized device provisioning, power off devices that are not in use to conserve energy, and reboot devices to quickly restore services.

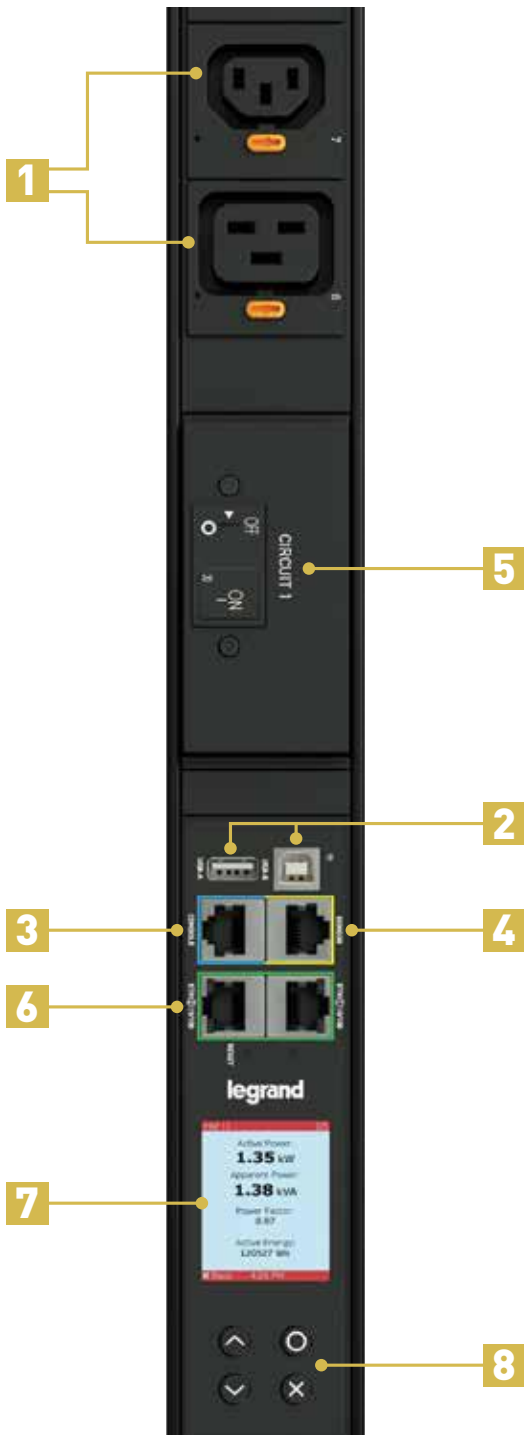
## LEGRAND'S PDU PRODUCT FAMILY OVERVIEW

Feature	Network Switched Series	Network Metered Series	Basic Series
Distribute Power to Multiple Devices	•	•	•
Inlet Metering	•	•	
Branch Circuit Metering	•	•	
Circuit Breaker Alarming	•	•	
Outlet Level Switching	•		
<b>Optional Features</b>			
Environmental Sensors	•	•	
Remote & Automatic Door Locks	•	•	

### PDU System Solution Diagram



# PDU IN DETAIL



## 1 Outlet Receptacles

IEC or NEMA outlet receptacle options. Integrated locking receptacles, available on C13 and C19 outlets, provide maximum port retention without the need of special cords that lock at the PDU

## 2 USB-A and B Ports

USB-A and B ports for connecting peripheral devices, so data can be viewed on smartphones

## 3 RJ45 Console Port

Data connection for direct control and management

## 4 RJ45 Sensor Port

Plug-and-Play sensor port for directly connecting optional temperature and humidity sensors and electronic door locks

## 5 Circuit Breaker

Hydraulic-magnetic breakers on 30A units provide local protection, quick recovery from circuit overload, and are not affected by ambient temperature

## 6 Dual Network Ports

Dual network connection ports (Fast Ethernet) allow for redundant and configurable access to the PDU from two different networks—ideal for daisy-chaining PDUs or colocation environments

## 7 LCD Color Screen

220 x 176mm super bright screen with configurable measurement data display

## 8 Intuitive Navigation Buttons

Intuitive control buttons to navigate local PDU screen

# INNOVATION & PERFORMANCE

## CORD LOCKING SYSTEM

The security of cable connections is a critical element which must be considered to ensure longevity of the installation. Legrand PDUs with IEC receptacles have a power supply cord locking system which prevents accidental disconnection due to human error or vibration.

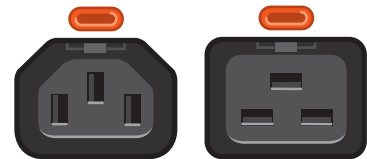
Functionality integrated in all Legrand PDUs with IEC receptacles: Basic, Network Metered, and Network Switched.

**NOTE:** Not available on high-density unit: LP-42300

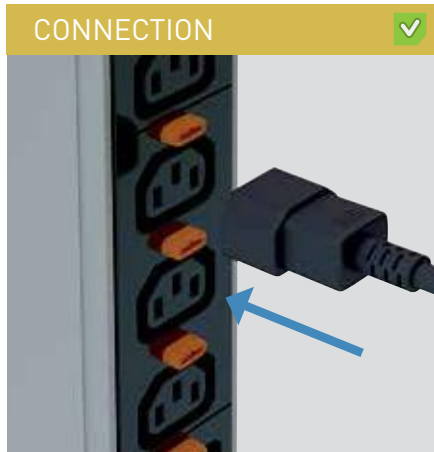


## UNIVERSAL SYSTEM

Takes all standard power cords for C13 and C19 sockets

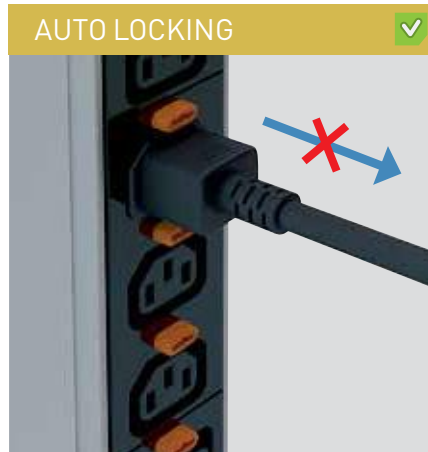


✓ EXCLUSIVE TO LEGRAND



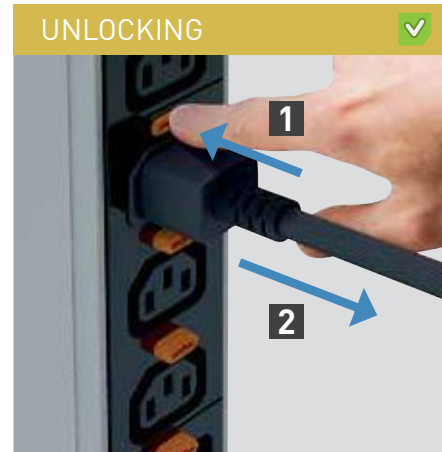
### CORD CONNECTION

The cord connects to the socket smoothly with one quick action



### CORD HELD IN PLACE

Once the power supply cord is connected, it locks automatically and cannot be removed



### EASY REMOVAL

Simply pressing the unlock button releases the cord from the socket

## ZERO U PDUs

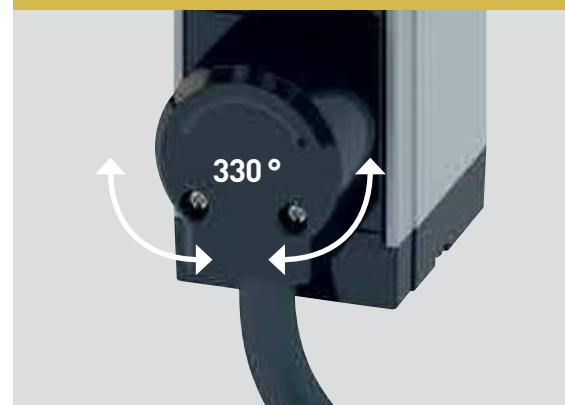
Every detail matters! Legrand's unique and original innovations help ensure optimum performance for the Zero U range of PDUs. A rotatable inlet cord allows for flexibility in design, installation, and configuration of your setup.

### CABLE ORIENTATION

330° rotatable cable entry for perfect cable orientation and no interference in the cabinet

STANDARD FEATURE FOR ZERO U BASIC, METERED, & SWITCHED PDUs

### ROTATIVE CABLE ENTRY



# NETWORK SWITCHED PDU – SINGLE-PHASE

Distribute, manage, and control power to connected equipment, enabling load monitoring, individual outlet power cycling, and power sequencing. This control can be accessed locally or remotely, multiplying the reach and ability of IT staff and caretakers. A single portal view provides visibility and control of power usage and available capacity, which simplifies the maintenance responsibilities of taxed IT departments.

**NOTE:** Network Switched PDUs share all of the Network Metered PDUs features, plus the additional features detailed below.

## FEATURES:

- Delayed Power Sequencing:** Sequence the order in which each outlet is turned on or off to avoid dropped power loads or circuit overloading
- Outlet Use Management:** From the PDU GUI, you can remotely identify named outlets and if an outlet is on or off
- Remote Outlet Switching:** Remotely cycle power on and off to a specific outlet or group of outlets
- Load Shedding:** Pre-configure a group of outlets that you want to be turned off when a particular event arises

## PDU ACCESSORIES

Part No.	Description	Compatibility	Sensor Range	Sensor Accuracy
LP-T1H1	LP-PDU Series, Single Temperature and Humidity Combo Sensor	Compatible with all networked PDUs (LP-4xxxx, LP-6xxxx)	-20°C to 20°C	+/- 2°C
			20°C to 70°C	+/- 0.5°C
			0% RH to 100% RH	+/- 2.5% /RH
LP-KIT-SCO-60-1D	LP-PDU Series, Single Electronic Swing handle Kit - High Security DIN lock			
LP-KIT-SCO-60-2D	LP-PDU Series, Dual Electronic Swing handle Kit - High Security DIN lock			

Part No.	Form Factor	Mounting Type	INPUT						RECEPTACLES				Circuit Breaker
			Input Nominal Voltage (V)	Input Current (A)	Input Current Rated (A)	Input Power Capacity (kW)	Inlet Location	Input Plug Type	IEC C13	IEC C19	NEMA 5-20R	Integrated Locking Outlets	
LP-61110	1U	Horizontal Rack	120V	15	12	1.4	Rear C20	5-15P			8		
LP-61210	1U	Horizontal Rack	120V	20	16	1.9	Rear C20	L5-20P			8		
LP-62211	1U	Horizontal Rack	208V	20	16	3.3	Rear	L6-20P	8			•	
LP-61320	2U	Horizontal Rack	120V	30	24	2.9	Rear	L5-30P			16		2x20A
LP-62320	2U	Horizontal Rack	208V	30	24	5	Rear	L6-30P	16			•	2x20A
LP-61100	Zero U	Button	120V	15	12	1.4	Front Rotatable	5-15P			8		
LP-61200	Zero U	Button	120V	20	16	1.9	Front Rotatable	L5-20P			24		
LP-61300	Zero U	Button	120V	30	24	2.9	Front Rotatable	L5-30P			24		3x20A
LP-62201	Zero U	Button	208V	20	16	3.3	Front Rotatable	L6-20P	21	3		•	
LP-62300	Zero U	Button	208V	30	24	5	Front Rotatable	L6-30P	21	3		•	3x20A



# NETWORK METERED PDU – SINGLE-PHASE

Network Metered PDUs enable line level power metering in real time. Allowing remote monitoring of the load level, custom notifications, and user specified conditions. Each Network Metered PDU provides visibility and reporting of power usage on the PDUs color LCD screen and to tablets, smart phones, or computers from nearly anywhere.

## FEATURES:

- Advanced Load Monitoring:** View the power being drawn for the entire PDU, receive notifications of potential issues or when near max amperage draw
- User-Defined Notifications:** User-defined thresholds for power draw or environmental factors with notifications if threshold have been met
- Remote Management:** Manage and configure the unit from any location
- High-Res Color LCD:** Displays energy reading, current, and voltage; important configuration settings, alarm settings, and control outlets which simplifies commissioning
- Hydraulic-Magnetic Breakers:** Provide less heat dependent local protection and quick recovery from circuit overload; by utilizing a two-step response curve—these breakers provide a delay on normal overcurrents, while tripping quickly on short circuits
- Integrated Locking Outlets on IEC Receptacles:** Eliminates the need for special locking cords
- Rotatable Cord:** Enables maximum flexibility for routing the input plug—simplifying the installation of Zero U PDU'S. (Rotatable cord is not available on vertical PDU LP-42300)
- Mounting Types:** Available in horizontal and vertical configurations to ensure power distribution is optimally located
- PDU Linking:** Cascade up to 16 PDUs via Ethernet or USB—this can minimize port usage on network switches or consolidate accessibility to multiple PDUs from a single IP address
- Optional Environmental Sensors and Remote Locking:** Can alert of any threats of downtime or potential physical security breaches
- Software Interoperability:** Seamlessly integrate into any monitoring software with open JSON\_RPC interface  
**Compatibility:** SNMP, LUA, Java, JavaScript, and Perl
- Networked Controller:** Enables remote and local monitoring and control of the PDU and peripherals
- Circuit Breaker Trip Detection / Alerting:** Get notification instantly in the instance of a tripped circuit breaker

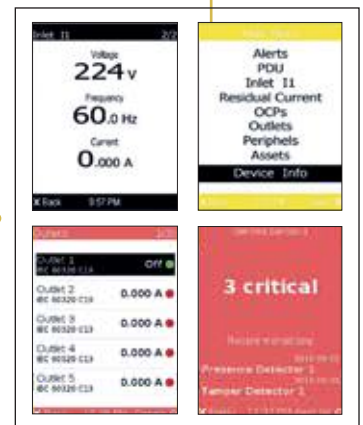
Part No.	Form Factor	Mounting Type	INPUT						RECEPTACLES				
			Input Nominal Voltage (V)	Input Current (A)	Input Current Rated (A)	Input Power Capacity (kW)	Inlet Location	Input Plug Type	IEC C13	IEC C19	NEMA 5-20R	Integrated Locking Outlets	Circuit Breaker
LP-41110	1U	Horizontal Rack	120V	15	12	1.4	Rear C20	5-15P			8		
LP-41210	1U	Horizontal Rack	120V	20	16	1.9	Rear C20	L5-20P			8		
LP-42211	1U	Horizontal Rack	208V	20	16	3.3	Rear	L6-20P	8			•	
LP-41320	2U	Horizontal Rack	120V	30	24	2.9	Rear	L5-30P			16		2x20A
LP-42320	2U	Horizontal Rack	208V	30	24	5	Rear	L6-30P	12	4		C13 Only	2x20A
LP-41100	Zero U	Button	120V	15	12	1.4	Front Rotatable	5-15P			10		
LP-41200	Zero U	Button	120V	20	16	1.9	Front Rotatable	L5-20P			24		
LP-41300	Zero U	Button	120V	30	24	2.9	Front Rotatable	L5-30P			24		2x20A
LP-42201	Zero U	Button	208V	20	16	3.3	Front Rotatable	L6-20P	18	2		•	
LP-42300	Zero U	Button	208V	30	24	5	End	L6-30P	36	6			2x20A

# NETWORKED PDU CONTROLLER

## THE HEART OF NETWORKED PDUs

### A WIDE BRIGHT COLOR LCD DISPLAY

The new Legrand® PDU controller allows local and remote access to all critical measurement data. The bright color LCD display will change color according to the alert level detected by the iPDU's; your field technicians can quickly identify iPDU's on which the thresholds have been exceeded, obtain correct power supply data immediately, and take appropriate action.



### DIRECTLY ACCESSIBLE DATA

Makes it easier to view the data center power supply data and information about the environment. The responsive web user-interface can be accessed from any device or tablet, or directly from a desktop computer.

The redesigned overview screen provides the most important information at a glance, so you can easily monitor your PDU health and critical data, and also view the cabinet energy consumption in real time.

### ADAPTIVE COLOR SCREEN

The LCD display on the unit changes color according to the alert level, making it easier for the technical teams to see the critical information.

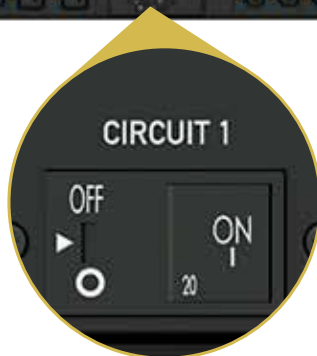
# BASIC PDU – SINGLE-PHASE

Basic PDUs provide reliability and simple installation. Standardized power distribution enables cost effective scaling, speed to deployment, and simplifies procurement due to a common platform.

## FEATURES:

- Hydraulic-Magnetic Breakers:** Providing less heat-dependent local protection and quick recovery from circuit overload by utilizing a two-step response curve, these breakers provide a delay on normal overcurrents, while tripping quickly on short circuits
- Integrated Locking Outlets on IEC Receptacles:** Eliminate the need for special cords that lock at the PDU
- Rotatable Cord:** Enables maximum flexibility for routing the input plug—simplifying the installation of Zero U PDUs
- Mounting Types:** Available in horizontal and vertical configurations to ensure power distribution is optimally located

Part No.	Form Factor	Mounting Type	INPUT						RECEPTACLES				Circuit Breaker
			Input Nominal Voltage (V)	Input Current (A)	Input Current Rated (A)	Input Power Capacity (kW)	Inlet Location	Input Plug Type	IEC C13	IEC C19	NEMA 5-20R	Integrated Locking Outlets	
LP-21110	1U	Horizontal Rack	120V	15	12	1.4	Side	5-15P			10		
LP-21210	1U	Horizontal Rack	120V	20	16	1.9	Side	5-20P			10		
LP-21211	1U	Horizontal Rack	120V	20	16	1.9	Side	L5-20P			10		
LP-21310	1U	Horizontal Rack	120V	30	24	2.9	Rear	L5-30P			10		2x20A
LP-22210	1U	Horizontal Rack	208V	20	16	3.3	Side	L6-20P	12			•	
LP-22310	1U	Horizontal Rack	208V	30	24	5	Rear	L6-30P	10			•	2x20A
LP-22311	1U	Horizontal Rack	208V	30	24	5	Rear	L6-30P		4		•	2x20A
LP-21100	Zero U	Button	120V	15	12	1.4	Front Rotatable	5-15P			14		
LP-21200	Zero U	Button	120V	20	16	1.9	Front Rotatable	L5-20P			14		
LP-21201	Zero U	Button	120V	20	16	1.9	Front Rotatable	L5-20P			24		
LP-21300	Zero U	Button	120V	30	24	2.9	Front Rotatable	L5-30P			24		2x20A
LP-22200	Zero U	Button	208V	20	16	3.3	Front Rotatable	L6-20P	20	4		•	
LP-22300	Zero U	Button	208V	30	24	5	Front Rotatable	L6-30P	20	4		•	2x20A



## Magnetic-Hydraulic Circuit Breaker

All 30A Legrand PDUs have rugged circuit breakers with delayed tripping curve, which provide the maximum flexibility and safety of people and equipment. The circuit breakers in the Network Switched and Network Metered PDUs are monitored by the embedded firmware and issue configurable alerts in the event of an overload or unwanted tripping.

# POWER CORDS

Power cords are the ideal solution for powering a server or connecting to a PDU in a data center or network wiring closet. With optimal lengths, colors and configurations, they can minimize troubleshooting time and keep your data center clean and clutter-free. Power cords are available to meet multiple application environments and will provide maximum durability and long life.

## COLORED POWER CORDS

When working in a wiring closet or a cabinet space is limited and cords can easily be misidentified and disconnected causing detrimental downtime. Perform maintenance tasks with confidence by using color power cords in a data environment allowing for quick and accurate identification of equipment. Please contact your Legrand sales representative for ordering information.

### FEATURES:

- Full length color jacket with matched color connectors
- Options constructed of heavy duty 18, 14, and 12 AWG conductors
- Options rated up to 250V 20A
- Options C14 to C13 in 18 and 14 AWG / C19 to C20 in 12 AWG
- UL listed

Color	Available Lengths (Feet)
Red	1, 2, 3, 4, 5, 6, 8, 10
Orange	1, 2, 3, 4, 5, 6, 8, 10
Yellow	1, 2, 3, 4, 5, 6, 8, 10
Green	1, 2, 3, 4, 5, 6, 8, 10
Blue	1, 2, 3, 4, 5, 6, 8, 10
White	1, 2, 3, 4, 5, 6, 8, 10
Black	1, 2, 4, 6, 10, 12, 15



## LOCKING POWER CORDS

Ensure a secure power connection to critical equipment while saving both time and money using this innovative locking connector. Please contact your Legrand sales representative for ordering information.

### FEATURES:

- Locking C13 or C19 connector ensures port retention to critical equipment
- Constructed of heavy duty 17 (C13) or 15 (C19) AWG conductors
- Rated up to 250V 10A (C13) or 15A (C19)

Lengths					
1ft	2ft	3ft	6ft	10ft	15ft



## POWER CORDS

Power cords have been designed as the ideal solution for powering a switch, server, storage, or other critical equipment in a data center or network wiring closet. The fully molded design provides for maximum durability and long life. Please contact your Legrand sales representative for additional product offering and ordering information.

### 14 AWG 250 VOLT POWER CORD

Lengths	Description
3ft	C14 to C19 14 AWG 250 Volt Power Cord
4ft	C14 to C19 14 AWG 250 Volt Power Cord
6ft	C14 to C19 14 AWG 250 Volt Power Cord
10ft	C14 to C19 14 AWG 250 Volt Power Cord
3ft	C14 to C15 14 AWG 250 Volt Power Cord
6ft	C14 to C15 14 AWG 250 Volt Power Cord
3ft	C20 to C13 14 AWG 250 Volt Power Cord
6ft	C20 to C13 14 AWG 250 Volt Power Cord

#### FEATURES:

- Supports up to 250 Volt and 15A connections
- Fully molded connector



### 14 AWG 250 VOLT POWER CORD

Lengths	Description
3ft	NEMA 5-15P to C19 14 AWG 125 Volt Power Cord
6ft	NEMA 5-15P to C19 14 AWG 125 Volt Power Cord
10ft	NEMA 5-15P to C19 14 AWG 125 Volt Power Cord
3ft	NEMA 5-15P to C15 14 AWG 125 Volt Power Cord
6ft	NEMA 5-15P to C15 14 AWG 125 Volt Power Cord

#### FEATURES:

- Supports up to 250 Volt and 15A connections
- Fully molded connector



### 12 AWG 250 VOLT POWER CORD

Lengths	Description
3ft	NEMA L6-20P to C19 12 AWG 250 Volt Power Cord
6ft	NEMA L6-20P to C19 12 AWG 250 Volt Power Cord

#### FEATURES:

- Supports up to 250 Volt and 20A connections
- Fully molded connector



### 18 AWG 125 VOLT UNIVERSAL POWER CORD

Lengths	Description
1ft	NEMA 5-15P to C13 18 AWG 125 Volt Power Cord
3ft	NEMA 5-15P to C13 18 AWG 125 Volt Power Cord
6ft	NEMA 5-15P to C13 18 AWG 125 Volt Power Cord
10ft	NEMA 5-15P to C13 18 AWG 125 Volt Power Cord
12ft	NEMA 5-15P to C13 18 AWG 125 Volt Power Cord
15ft	NEMA 5-15P to C13 18 AWG 125 Volt Power Cord
25ft	NEMA 5-15P to C13 18 AWG 125 Volt Power Cord

#### FEATURES:

- Supports up to 125 Volt and 10A connections
- Fully molded connector



# CABLE MANAGEMENT SOLUTIONS

Legrand cable management systems and solutions protect cables while ensuring proper bend radius and maintaining open pathways for proper airflow. Cable runway is designed to adapt to each twist and turn cables must make. Mighty Mo® Fiber raceway provides a dedicated path for critical network cabling and is flexible enough to use in telecommunications exchanges, data centers, universities, hospitals or anywhere fiber optic cabling is present. Cablofil® wire mesh cable tray has performed in a wide variety of applications from heavy power cable pathways on oil drilling platforms to electrical and data installations above ceilings and below floors in modern office buildings. Wiremold® solutions offers fully integrated cabling infrastructure solutions that support the entire range of workstation services.



# RUNWAY AND ACCESSORIES

Flexibility is the key to cable management. Legrand® cable runway is designed to adapt to each twist and turn cables must make. Made of lightweight rectangular steel tubing, the runway reduces floor loading and is easy to install and maintain. Steel meets stringent specifications for yield and tensile strength—assuring a strong, light weight product that easily supports and delivers overhead cable.

## TUBULAR RUNWAY

### Features

- Tubular cross slats welded to the top of stringers
- Cross slats feature rounded edges for cable protection
- Runway widths available from 6" to 24"
- Two standard lengths: 5'-11" or 9' 8 1/2"



TR10-12B

### Specifications

- Stringers made of 3/8" x 1-1/2" high tensile tubular steel
- Cross slats are 1" x 1/2" tubular steel
- Rust-resistant dove gray, or black finish
- UL listed

PART NO.	LOAD RATING
TRX-YZ	115 lbs
X is length: "6" for 5ft 11in, "10" for 9ft 8.5in Y is width: "6" for 6in, "12" for 12in, "18" for 18in, "24" for 24in Z is color: "B" for black, "D" for dove gray	

## TELCO STYLE TUBULAR RUNWAY

### Features

- Tubular cross slats are welded between stringers
- Cross slats feature rounded edges for cable protection
- Runway widths available from 6" to 24"
- Standard length is 9' x 8.5"



TRT10-6

### Specifications

- Stringers made of .375" x 11.5" high tensile tubular steel
- Cross slats are 1" x .5" tubular steel
- Rust-resistant dove gray or black finish
- UL listed

PART NO.	LENGTH	LOAD RATING
TRT10-YZ	9' 8.5"	115 lbs
Y is width: "6" for 6in, "12" for 12in, "18" for 18in, "24" for 24in Z is color: "B" for black, "D" for dove gray		

## UNIVERSAL STYLE TUBULAR RUNWAY

### Features

- Tubular cross slats are welded between stringers
- Cross slats feature rounded edges for cable protection
- Runway widths available from 6" to 24"
- Standard length is 9'-11"



URT10-12B

### Specifications

- Stringers made of .375" x 1.5" high tensile tubular steel
- Cross slats are 1" x .5" tubular steel
- Available in rust-resistant, black finish
- UL listed

PART NO.	LENGTH	LOAD RATING
URT10-YB	9' 11"	115 lbs
Y is width: "6" for 6in, "12" for 12in, "18" for 18in, "24" for 24in		

# RUNWAY AND ACCESSORIES



TRHR-12B

## TR STYLE HORIZONTAL RADIUS RUNWAY

Horizontal radius runway allows cables to be routed around horizontal corners. The horizontal radius runway features stringers made of 1-.5" x .375" steel tubes; cross slats are 1" x .5" x .125" steel tubes. UL listed.

PART NO.	DIMENSIONS
TRHR-12B	12"W x 18.03"IR x 29.66"
TRHR-18B	18"W x 18.03"IR x 35.66"



TRTHR-12B

## TRT STYLE HORIZONTAL RADIUS RUNWAY

Horizontal radius runway allows cables to be routed around horizontal corners. The horizontal radius runway features stringers made of 1-.5" x .375" steel tubes; cross slats are 1" x .5" x .125" steel tubes. UL listed.

PART NO.	DIMENSIONS
TRTHR-12B	12"W x 18.03"IR x 29.66"OR*
TRTHR-18B	18"W x 18.03"IR x 35.66"OR*



TRTC-12D

## CURVED RUNWAY

Radius curved runway permits smooth vertical to horizontal transitions. Stringers are 1-.5" x .375" steel tubes; cross slats are 1" x .5" x .125" steel tubes. UL listed.

PART NO.	CURVE TYPE	HEIGHT	DEPTH
TRTC-YZ	Outside	11.5"	11.5"
TRTCI-YZ	Inside		

Y is width: "6" for 6in, "12" for 12in, "18" for 18in, "24" for 24in  
Z is color: "B" for black, "D" for dove gray



# RUNWAY AND ACCESSORIES



P413512H-TB

## END CLOSING TUBES

End closing tubes are used when junctioning runway sections of different widths, or closing the stringers of a single piece of runway.

PART NO.	DIMENSIONS
P413511H-TB	1.5"H x 5.75"W x .38"D, use with 6"
P413512H-TB	1.5"H x 11.75"W x .38"D, use with 12"
P413530H-TB	1.5"H x 17.75"W x .38"D, use with 18"
P413531H-TB	1.5"H x 23.75"W x .38"D, use with 24"

NOTE: "B" for black, "D" for dove gray.



RECBK-12B

## END CLOSING KIT

The end closing kit includes one end closing tube and two corner clamps for closing the stringers of a single piece of runway.

PART NO.	DESCRIPTION
RECBK-6B	For use with 6" Runway
RECBK-12B	For use with 12" Runway
RECBK-18B	For use with 18" Runway
RECBK-24B	For use with 24" Runway

NOTE: "B" for black, "D" for dove gray.



WRTRT-12B

## RUNWAY WALL TO RACK KIT

The runway wall to rack kit provides support for cable between the rack and the wall.

### Kits include:

- (1) 12" wide 4'-5.5" long tubular runway with channels
- (1) 12" wide wall angle assembly
- (1) Runway bracket kit
- (1) Set of end caps

PART NO.	DESCRIPTION
WRTRT-12B	Runway Wall to Rack Kit

NOTE: "B" for black, "D" for dove gray.

# RUNWAY AND ACCESSORIES



GS-8

## GROUND STRAP

Ground straps provide grounding between spliced runway. Simply pre-drill runway to accept the strap, and connect to runway sections using compression lugs. All compression lugs and .5"-20". Constructed of flexible tinned copper flat braid.

### Kits include:

- (1) 8" ground strap
- (2) Compression lugs
- (2) Toothed lock washers
- (2) Hex nuts

PART NO.	DESCRIPTION
GS-8	Ground Strap (11.5"H x 6"W x 11.5"D)

NOTE: Lug hole-to-lug hole length is 8". Runway clearance hole for .5"-20" is needed to mount ground strap.



P820127H

P820147H

## STRAIGHT AND CORNER CLAMP ASSEMBLIES

Clamps are used to junction runway sections together in a variety of configurations. Whether sections are extended in-line or junctioned perpendicularly or are transitioned from horizontal to vertical, clamps provide a solid connection to assure the runway layout will provide the necessary support for your cabling.

### Straight Clamp

PART NO.	DESCRIPTION
P820127H	Straight Clamp Kit, (2) Straight Clamps
P820367H	Straight Clamp Kit, for Different Stringer Widths, (2) Clamps with Filler

### Corner Clamp

PART NO.	DESCRIPTION
P820147H	Corner Clamp Kit, (2) Corner Clamps

NOTE: Clear zinc plated. Add "B" to the end of part number for black finish.



P820127HA

## ADJUSTABLE ANGLE SPLICE KIT

Adjustable angle splices junction runway sections from separate horizontal planes for smooth vertical transitions.

### Straight Clamp

PART NO.	DESCRIPTION
P820127HA	Angle Splice Kit, (2) Adjustable Angles

NOTE: Clear zinc plated. Add "B" to the end of part number for black finish.

# RUNWAY AND ACCESSORIES



P820287H

## EDGE CLAMP ASSEMBLIES

Edge clamps junction runway of the same width where horizontal-to-vertical and horizontal-to-horizontal transitions are needed.

### 45° Edge Clamp

PART NO.	DESCRIPTION
P820287H	45° Edge Clamp Kit, (2) Edge Clamps

### 90° Edge Clamp

PART NO.	DESCRIPTION
P820327H	90° Edge Clamp Kit, (2) Edge Clamps

NOTE: Clear zinc plated. Add "B" to the end of part number for black finish.



CF-6D



CFTRC-6

## CABLE FENCE

Cable fence provides added cable capacity for TR or TRT runway. Place cable fence on every other cross-member to support large cable piles.

### For use with TR Runway

PART NO.	DIMENSIONS
CF-6B	6"H x 2.63"W x .19"D
CF-12B	12"H x 2.63"W x .19"D

### For use with any 1-.5" Runway

PART NO.	DIMENSIONS
CFTRC-6B	6"H x .75"W x 1.15"D
CFTRC-12B	12"H x .75"W x 1.15"D

NOTE: Replace "B" for black, "D" for dove gray.



P401750H-1D

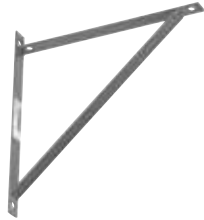
## CABLE RUNWAY FEET

Cable runway feet anchor runway to the wall or floor. Feet are attached to runway with clamps. Made of 3/8" x 1-.5", steel bar. One foot included.

PART NO.	DESCRIPTION
P401750H-1B	Cable Runway Feet (6"H x 2"W x 1.5"D)
P820827HB	Kit of (2) 6"H cable runway feet and (2) straight clamps

NOTE: Replace "B" for black, "D" for dove gray.

# RUNWAY AND ACCESSORIES



P139240HD

## SHELF BRACKETS

Shelf brackets attach to the wall and extend up to 24" for heavy duty runway support. Runway is secured to the bracket with J-bolts (included). Made of 3/16" x 1", steel bar. Hardware is zinc plated and dichromated.

PART NO.	WIDTH	FOR RUNWAY WIDTH
P139240HZ	6.44"	6"
P139340HZ	12.44"	12"
P139540HZ	18.44"	18"
P139740HZ	24.44"	24"

NOTE: Replace "B" for black, "D" for dove gray.



P820527HB

## CABLE BRACKET

Steel cable bracket offers a separate channel for power cables that must not contact primary cables. Mounting hardware included. Mounts on 1-1/2" and 2" stringers.

PART NO.	DIMENSIONS
P820527HB	4.5"H x 5"D, 1.30 lbs

NOTE: Replace "B" for black, "D" for dove gray.



TRP5-CM

## TRANSITION PANS

Transition pans provide a 1.25" bend radius and deliver cables from overhead runway to equipment racks. Each pan clamps to runway cross members or runway stringers (TRP8-S). Truss head screws with protective covers assure cables aren't damaged. Provides 1.25" radius.

PART NO.	DIMENSIONS
TRP5-CM	2"H x 5"W x 4.13"D
TRP8-CM	2"H x 8"W x 4.13"D
TRP11-CM	2"H x 11"W x 4.13"D
TRP17-CM	2"H x 17"W x 4.13"D
TRP8-S	2"H x 7.5"W x 4.63"D

NOTE: Black finish. CM = pan mounts on runway cross member; S = pan mounts on runway stringer.

# RUNWAY AND ACCESSORIES



P128040HD

## WALL ANGLE ASSEMBLIES

Wall angle assemblies attach to the wall and provide a shelf or edge on which runway can be anchored using J-bolts. Anchoring can be either parallel or perpendicular to the wall. Includes 2" x 2" x .25" steel angle, (2) J-bolts, (2) 1/4"-20" hex nuts, and (2) 1/4" lock washers. Hardware is zinc plated and dichromated.

PART NO.	DESCRIPTION
P128040HB	For Runway Width: 6"
P128240HB	For Runway Width: 12"
P128440HB	For Runway Width: 18"
P128640HB	For Runway Width: 24"

NOTE: Replace "B" for black, "D" for dove gray.



RCBK-6

## RUNWAY CEILING KIT

### Kits include:

- (1) Ceiling hanger bracket
- (1) Closed clip
- (1) 5/8"-11" x 6' threaded rod
- (4) 5/8"-11" hex nuts

PART NO.	DESCRIPTION
RCBK-6	The runway ceiling kit is used to suspend cable runway from the ceiling.



REK-2-3

## RUNWAY ELEVATION KIT

Used to provide additional space between the tops of racks or cabinets and the runway. Can be mounted to the runway junction plates, Mighty Mo® runway support brackets or to the rear flange of a Mighty Mo rack. Can also be mounted to the Mighty Mo cabinets simply by drilling two holes into the cabinet's removable top plates. Black.

PART NO.	DIMENSIONS
REK-2-3	2", 2.5" or 3"
REK-4-6	4", 5" or 6"

# RUNWAY AND ACCESSORIES



P400298HB



2-E1-25C-A



RHB-12B



P406395H

## CEILING HANGER BRACKETS

When ceiling support is required, ceiling hanger brackets are used with 5/8"-11" threaded rods and open or closed clips to suspend runway overhead.

PART NO.	DESCRIPTION
P400298HB	(1) Bracket
P820667HB	(1) Bracket; (2) Nuts
P820677HB	(1) Bracket; (2) Nuts; (1) Plate*

NOTE: \*Plate color matches bracket. Replace "B" for black, "D" for dove gray.

## PROTECTIVE RUBBER END CAPS

Protective end caps conceal sharp runway edges that may harm the installation or injure those administering the installation. Sold in pairs.

PART NO.	DESCRIPTION
2-E1-25C-A	For 1-1/2" Stringers

Notes: Black rubber.

## RUNWAY HANGER BRACKETS

Use runway hanger brackets to suspend runway using a 5/8"-11" threaded rod. A 12" cable path forms above the runway. Mounts without the threaded rod interfering with the cable path. Mounting hardware included.

PART NO.	DESCRIPTION
RHB-06B	12"H x 6.38"W x 2"D, Runway Width: 6"
RHB-12B	12"H x 12.38"W x 2"D, Runway Width: 12"

NOTE: Replace "B" for black, "D" for dove gray.

## OPEN CLIPS

Use open clips with 1-1/2" stringers to secure runway to threaded rods when suspending runway from the ceiling. Also use when stacking runway. Use with 5/8"-11" threaded rod. Made of 3/16" x 1-1/2" steel bar. UL classified.

PART NO.	DESCRIPTION
P406395H	(1) clip
P820547H	Two sides - (2) clips; (4) nuts

NOTE: Clear zinc plated.

# RUNWAY AND ACCESSORIES



P406395H

## CLOSED CLIPS

Use closed clips with 1-1/2" stringers to secure runway to threaded rods when suspending runway from the ceiling. Also use when stacking runway. Use with 5/8"-11" threaded rod. Made of 1/4" x 1-1/2" steel bar. UL classified.

PART NO.	DESCRIPTION
P406395H	(1) Clip
P820547H	Two sides - (2) Clips; (4) Nuts

NOTE: Clear zinc plated.



P982078HB

## VERTICAL WALL BRACKET

Made of 1/8" x 2" steel, vertical wall brackets fasten runway to the wall and provide a secure route for cables to channel vertically. Use 7/16" mounting hardware (not included). One bracket included.

PART NO.	DIMENSIONS
P982078HB	1.5"H x 2"W x 2.53"D

NOTE: Replace "B" for black, "D" for dove gray.



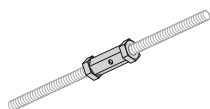
P987650H

## THREADED RODS

Threaded rods are available in a variety of lengths to support runway sections suspended from the ceiling. Includes two 5/8"-11" hex nuts and two 5/8" flat washers.

PART NO.	DESCRIPTION
P987650H	5' Threaded Rod
P987649H	6' Threaded Rod
P987645H	10' Threaded Rod

NOTE: Zinc plated and dichromated.



2-E1-75

## THREADED ROD COUPLER

Extend threaded rod length with spliced coupling. Yellow zinc dichromate finish. Constructed of steel.

PART NO.	DESCRIPTION
2-E1-75	Join two 5/8" threaded rods together, kit contents: (1) 5/8" coupler, (2) 5/8" x 11" hex nut

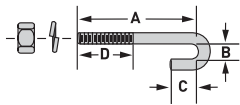
# RUNWAY AND ACCESSORIES



2-E2-TRPC



P987527H



## PROTECTIVE SLEEVE

Slitted protective sleeves cover threaded rods to protect cables from damage. Field cut to desired size.

PART NO.	DESCRIPTION
2-E2-TRPC	10' PVC Protective Sleeve for 5/8" - 11" Threaded Rod

## J-BOLT ASSEMBLIES

Each J-bolt assembly includes one 1/4" - 20" or 5/16" - 18" hex nut and one 1/4" or 5/16" lock washer. UL classified.

PART NO.	DESCRIPTION
P987529H	A" 1.75, B" .250, C" .50, D" .75", Thread Size: 1/4" - 20"
P987528H	A" 3.25, B" .438, C" .75, D" 1.5", Thread Size: 1/4" - 20"
P987527H	A" 2.25, B" .438, C" .75, D" 1", Thread Size: 1/4" - 20"
P987526H	A" 3.75, B" .313, C" .75, D" 1.25", Thread Size: 5/16" - 18"
P987525H	A" 3.25, B" .313, C" .75, D" .75", Thread Size: 5/16" - 18"
P987524H	A" 3.25, B" .438, C" .75, D" 1.5", Thread Size: 5/16" - 18"
P987523H	A" 2.25, B" .438, C" .75, D" 1", Thread Size: 5/16" - 18"

NOTE: Clear zinc plated.



Smart Building



Copper Systems



Fiber Systems



## WARRANTIES

nCompass cabling systems are backed by an extended performance, applications, product and labor warranty on certified horizontal and backbone systems to assure that your network will conform to specifications and operate with maximum uptime.

[www.ncompass-systems.com](http://www.ncompass-systems.com)





An extensive network of qualified Legrand Certified Contractors is available globally. Three distinct tier levels have been created to provide support for each project's unique structured cabling requirements. A diverse range of expertise exists between contractors in each tier. The performance and logistical expectations for global, regional or local deployment will help Legrand recommend the best contractor tier and warranty coverage for your project.

# Certified Contractor Program

- Knowledgeable, experienced and well-trained structured cabling contractors ensure a better return on investment for the end customer's network investment.
- Contractor certification is an important component of successful installations that is often overlooked. Legrand has developed comprehensive certification programs that provide project design and installation services assurance.

# MIGHTY MO<sup>®</sup> FIBER RACEWAY



The **Pathway Cable Guide** works seamlessly with all four types of Ortronic<sup>®</sup> and Cablofil<sup>®</sup> pathway products to protect the integrity of your cabling infrastructure. Whether the pathway is plastic fiber duct, wire cable tray, steel duct or tubular runway, the pathway cable guide is designed to be better™.

The cable guide works with each of these solutions as if it was designed exclusively for that pathway. Innovation is not only apparent through the superior function of the cable guide but also in the integration of pathway solutions that create a flexible and efficient network design.

## Features

- Advanced “Goal Post” design
  - Provides cable protection in any direction
- Universal sidewall mounting
  - No cutting of pathway required for installation
- Pathway neutral
  - One product fits four Legrand pathways
- Optional 4” x 4” raceway adapter bracket
  - Attaches any 4” x 4” fiber raceway fitting to the guide exit
- Cable guide available alone or in a kit
  - Reduce cost and simplify ordering



PART NO.	DESCRIPTION
PCG4W-Y	Pathway Cable Guide, 4”W - Yellow
PCG4WA4X4-Y	Pathway Cable Guide, 4”W Adapter to 4” x 4” Duct - Yellow
MMFCG4W-Y	Mighty Mo Fiber Raceway Cable Guide, 4”W Cover for 4” x 4” Duct - Yellow
MMFCG4WC4X4-Y	Mighty Mo Fiber Raceway Cable Guide, 4”W with Cover - Yellow
MMFCG4WCK4X4D-Y	Mighty Mo Fiber Raceway Cable Guide, 4”W with Cover, Kit Includes 4” x 4” Adapter, Joiner and 90° Down Elbow - Yellow

# MIGHTY MO<sup>®</sup> STRAIGHT DUCT

## SOLID DUCT

Solid duct is available with and without covers in 5 sizes. The unique design of the hinged cover allows it to remain in an open position while fiber is installed in the raceway. All sizes are 6' 6-3/4" long and are slotted at each end for snapping to each other or to fittings with a slotted joiner.

MMFSD4X4-Y



MMFSDC4X4-Y



MMFSDHC4X4-Y



PART NO.	DESCRIPTION
MMFSD2X2-Y	Solid Duct, 2" x 2" - Yellow
MMFSD4X2-Y	Solid Duct, 4" x 2" - Yellow
MMFSD4X4-Y	Solid Duct, 4" x 4" - Yellow
MMFSD8X4-Y	Solid Duct, 8" x 4" - Yellow
MMFSD12X4-Y	Solid Duct, 12" x 4" - Yellow
MMFSDC2X2-Y	Solid Duct, 2" x 2", with Cover - Yellow
MMFSDC4X2-Y	Solid Duct, 4" x 2", with Cover - Yellow
MMFSDC4X4-Y	Solid Duct, 4" x 4", with Cover - Yellow
MMFSDC8X4-Y	Solid Duct, 8" x 4", with Cover - Yellow
MMFSDC12X4-Y	Solid Duct, 12" x 4", with Cover - Yellow
MMFSDHC2X2-Y	Solid Duct, 2" x 2", with Hinged Cover - Yellow
MMFSDHC4X2-Y	Solid Duct, 4" x 2", with Hinged Cover - Yellow
MMFSDHC4X4-Y	Solid Duct, 4" x 4", with Hinged Cover - Yellow
MMFSDHC8X4-Y	Solid Duct, 8" x 4", with Hinged Cover - Yellow

## SLOTTED DUCT

Slotted duct (side exit) is available with and without covers in 3 sizes. The unique design of the hinged cover allows it to remain in an open position while fiber is installed in the duct. All sizes are 6' 6-3/4" long and are slotted at each end for snapping together or to fittings with a slotted joiner. Side exit slots run down both sides and are spaced approximately every 6" apart. Radius guides can be snapped into the side exit slots to provide protection for fiber optic cables exiting the duct.

MMFSL4X4-Y



MMFSLC4X4-Y



MMFSLHC4X4-Y



PART NO.	DESCRIPTION
MMFSL2X2-Y	Slotted Duct, 2" x 2" - Yellow
MMFSL4X2-Y	Slotted Duct, 4" x 2" - Yellow
MMFSL4X4-Y	Slotted Duct, 4" x 4" - Yellow
MMFSLC2X2-Y	Slotted Duct, 2" x 2", with Cover - Yellow
MMFSLC4X2-Y	Slotted Duct, 4" x 2", with Cover - Yellow
MMFSLC4X4-Y	Slotted Duct, 4" x 4", with Cover - Yellow
MMFSLHC2X2-Y	Slotted Duct, 2" x 2", with Hinged Cover - Yellow
MMFSLHC4X2-Y	Slotted Duct, 4" x 2", with Hinged Cover - Yellow
MMFSLHC4X4-Y	Slotted Duct, 4" x 4", with Hinged Cover - Yellow

# MIGHTY MO<sup>®</sup> STRAIGHT DUCT & FIBER RACEWAY FITTINGS



MMFJ4X4-Y



MMFJSL4X4-Y

## JOINERS

Joiners are used to connect the straight duct and components together. Simply snap the joiner into the slots at the end of each part to be joined. For straight duct that has been cut to length new slots will need to be made with the proper slotting tool. "Slotless" joiners are available in sizes from 4" x 4" upwards that will join the fittings to the duct with or without joining slots.

PART NO.	DESCRIPTION
MMFJ2X2-Y	Requires Assembly Slots for 2" x 2" Duct - Yellow
MMFJ4X2-Y	Requires Assembly Slots for 4" x 2" Duct - Yellow
MMFJ4X4-Y	Requires Assembly Slots for 4" x 4" Duct - Yellow
MMFJ8X4-Y	Requires Assembly Slots for 8" x 4" Duct - Yellow
MMFJ12X4-Y	Requires Assembly Slots for 12" x 4" Duct - Yellow
MMFJSL4X4-Y	Slotless for 4" x 4" Duct - Yellow
MMFJSL8X4-Y	Slotless for 8" x 4" Duct - Yellow
MMFJSL12X4-Y	Slotless for 12" x 4" Duct - Yellow



MMFVE30D4X4-Y



MMFVEC30D4X4-Y



MMFVER30D4X4-Y



MMFVE30U4X4-Y



MMFVEC30U4X4-Y



MMFVER30U4X4-Y



MMFVE45D4X4-Y

## VERTICAL ELBOWS

Vertical elbows are used to connect horizontal routes at different heights or to allow the fiber path to be raised or lowered to avoid obstacles. They are available with or without covers. The retrofit versions come with split covers that are used where there is existing fiber.

PART NO.	DESCRIPTION
MMFVE30D2X2-Y	30° Down, 2" x 2" - Yellow
MMFVE30D4X4-Y	30° Down, 4" x 4" - Yellow
MMFVE30D8X4-Y	30° Down, 8" x 4" - Yellow
MMFVEC30D2X2-Y	30° Down, 2" x 2", with Cover - Yellow
MMFVEC30D4X4-Y	30° Down, 4" x 4", with Cover - Yellow
MMFVEC30D8X4-Y	30° Down, 8" x 4", with Cover - Yellow
MMFVER30D4X4-Y	30° Down, 4" x 4", Retrofit - Yellow
MMFVER30D8X4-Y	30° Down, 8" x 4", Retrofit - Yellow
MMFVE30U4X4-Y	30° Up, 4" x 4" - Yellow
MMFVE30U8X4-Y	30° Up, 8" x 4" - Yellow
MMFVEC30U4X4-Y	30° Up, 4" x 4", with Cover - Yellow
MMFVEC30U8X4-Y	30° Up, 8" x 4", with Cover - Yellow
MMFVER30U4X4-Y	30° Up, 4" x 4", Retrofit - Yellow
MMFVER30U8X4-Y	30° Up, 8" x 4", Retrofit - Yellow
MMFVE45D2X2-Y	45° Down, 2" x 2" - Yellow
MMFVE45D4X4-Y	45° Down, 4" x 4" - Yellow
MMFVE45D8X4-Y	45° Down, 8" x 4" - Yellow
MMFVE45D12X4-Y	45° Down, 12" x 4" - Yellow

NOTE: All product dimensions are listed by width, height and depth unless specified otherwise.

# MIGHTY MO<sup>®</sup> FIBER RACEWAY FITTINGS

## VERTICAL ELBOWS (CONT)



PART NO.	DESCRIPTION
MMFVEC45D2X2-Y	45° Down, 2" x 2", with Cover - Yellow
MMFVEC45D4X4-Y	45° Down, 4" x 4", with Cover - Yellow
MMFVEC45D8X4-Y	45° Down, 8" x 4", with Cover - Yellow
MMFVEC45D12X4-Y	45° Down, 12" x 4", with Cover - Yellow
MMFVER45D4X4-Y	45° Down, 4" x 4", Retrofit - Yellow
MMFVER45D8X4-Y	45° Down, 8" x 4", Retrofit - Yellow
MMFVE45U2X2-Y	45° Up, 2" x 2" - Yellow
MMFVE45U4X4-Y	45° Up, 4" x 4" - Yellow
MMFVE45U8X4-Y	45° Up, 8" x 4" - Yellow
MMFVE45U12X4-Y	45° Up, 12" x 4" - Yellow
MMFVEC45U2X2-Y	45° Up, 2" x 2", with Cover - Yellow
MMFVEC45U4X4-Y	45° Up, 4" x 4", with Cover - Yellow
MMFVEC45U8X4-Y	45° Up, 8" x 4", with Cover - Yellow
MMFVEC45U12X4-Y	45° Up, 12" x 4", with Cover - Yellow
MMFVER45U2X2-Y	45° Up, 2" x 2", Retrofit - Yellow
MMFVER45U4X4-Y	45° Up, 4" x 4", Retrofit - Yellow
MMFVER45U8X4-Y	45° Up, 8" x 4", Retrofit - Yellow
MMFVE90D2X2-Y	90° Down, 2" x 2" - Yellow
MMFVE90D4X2-Y	90° Down, 4" x 2" - Yellow
MMFVE90D4X4-Y	90° Down, 4" x 4" - Yellow
MMFVE90D8X4-Y	90° Down, 8" x 4" - Yellow
MMFVE90D12X4-Y	90° Down, 12" x 4" - Yellow
MMFVEC90D2X2-Y	90° Down, 2" x 2", with Cover - Yellow
MMFVEC90D4X2-Y	90° Down, 4" x 2", with Cover - Yellow
MMFVEC90D4X4-Y	90° Down, 4" x 4", with Cover - Yellow
MMFVEC90D8X4-Y	90° Down, 8" x 4", with Cover - Yellow
MMFVEC90D12X4-Y	90° Down, 12" x 4", with Cover - Yellow
MMFVER90D2X2-Y	90° Down, 2" x 2", Retrofit - Yellow
MMFVER90D4X2-Y	90° Down, 4" x 2", Retrofit - Yellow
MMFVER90D4X4-Y	90° Down, 4" x 4", Retrofit - Yellow
MMFVER90D8X4-Y	90° Down, 8" x 4", Retrofit - Yellow
MMFVE90U2X2-Y	90° Up, 2" x 2" - Yellow
MMFVE90U4X2-Y	90° Up, 4" x 2" - Yellow
MMFVE90U4X4-Y	90° Up, 4" x 4" - Yellow
MMFVE90U8X4-Y	90° Up, 8" x 4" - Yellow
MMFVE90U12X4-Y	90° Up, 12" x 4" - Yellow

NOTE: All product dimensions are listed by width, height and depth unless specified otherwise.

# MIGHTY MO<sup>®</sup> FIBER RACEWAY FITTINGS



MMFVEC90U4X4-Y



MMFVER90U4X4-Y



MMFVEE90UD4X4-Y



MMFHE304X4-Y



MMFHEC304X4-Y



MMFHE454X4-Y



MMFHEC454X4-Y



MMFHE904X4-Y

## VERTICAL ELBOWS (CONT)

PART NO.	DESCRIPTION
MMFVEC90U2X2-Y	90° Up, 2" x 2", with Cover - Yellow
MMFVEC90U4X2-Y	90° Up, 4" x 2", with Cover - Yellow
MMFVEC90U4X4-Y	90° Up, 4" x 4", with Cover - Yellow
MMFVEC90U8X4-Y	90° Up, 8" x 4", with Cover - Yellow
MMFVEC90U12X4-Y	90° Up, 12" x 4", with Cover - Yellow
MMFVER90U2X2-Y	90° Up, 2" x 2", Retrofit - Yellow
MMFVER90U4X2-Y	90° Up, 4" x 2", Retrofit - Yellow
MMFVER90U4X4-Y	90° Up, 4" x 4", Retrofit - Yellow
MMFVER90U8X4-Y	90° Up, 8" x 4", Retrofit - Yellow
MMFVEE90UD4X4-Y	90° Up/Down, 4" x 4", Enclosed - Yellow
MMFVEE90UD8X4-Y	90° Up/Down, 8" x 4", Enclosed - Yellow

## HORIZONTAL ELBOWS

Horizontal elbows are used to change the direction of horizontal routes. They are available with and without covers.

PART NO.	DESCRIPTION
MMFHE302X2-Y	30°, 2" x 2" - Yellow
MMFHE304X4-Y	30°, 4" x 4" - Yellow
MMFHE308X4-Y	30°, 8" x 4" - Yellow
MMFHEC302X2-Y	30°, 2" x 2", with Cover - Yellow
MMFHEC304X4-Y	30°, 4" x 4", with Cover - Yellow
MMFHEC308X4-Y	30°, 8" x 4", with Cover - Yellow
MMFHE452X2-Y	45°, 2" x 2" - Yellow
MMFHE454X4-Y	45°, 4" x 4" - Yellow
MMFHE458X4-Y	45°, 8" x 4" - Yellow
MMFHE4512X4-Y	45°, 12" x 4" - Yellow
MMFHEC452X2-Y	45°, 2" x 2", with Cover - Yellow
MMFHEC454X4-Y	45°, 4" x 4", with Cover - Yellow
MMFHEC458X4-Y	45°, 8" x 4", with Cover - Yellow
MMFHEC4512X4-Y	45°, 12" x 4", with Cover - Yellow
MMFHE902X2-Y	90°, 2" x 2" - Yellow
MMFHE904X2-Y	90°, 4" x 2" - Yellow
MMFHE904X4-Y	90°, 4" x 4" - Yellow
MMFHE908X4-Y	90°, 8" x 4" - Yellow
MMFHE9012X4-Y	90°, 12" x 4" - Yellow

NOTE: All product dimensions are listed by width, height and depth unless specified otherwise.

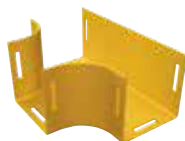
# MIGHTY MO<sup>®</sup> FIBER RACEWAY FITTINGS



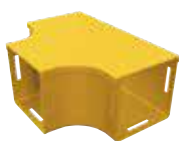
MMFHEC904X4-Y

## HORIZONTAL ELBOWS (CONT)

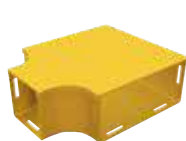
PART NO.	DESCRIPTION
MMFHEC902X2-Y	90°, 2" x 2", with Cover - Yellow
MMFHEC904X2-Y	90°, 4" x 2", with Cover - Yellow
MMFHEC904X4-Y	90°, 4" x 4", with Cover - Yellow
MMFHEC908X4-Y	90°, 8" x 4", with Cover - Yellow
MMFHEC9012X4-Y	90°, 12" x 4", with Cover - Yellow



MMFHT4X4-Y



MMFHTC4X4-Y



MMFHTC8T4-Y

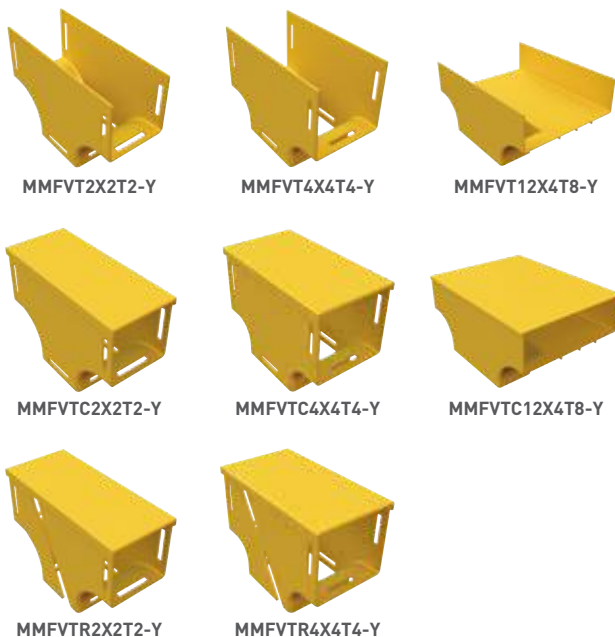
## HORIZONTAL TEES

Horizontal tees are used to branch off the main route or provide a method of breaking into horizontal duct. Standard tees branch off at the same size as the through duct. Transition tees branch off to a smaller duct. They are available with and without covers.

PART NO.	DESCRIPTION
MMFHT2X2-Y	2" x 2" - Yellow
MMFHT4X2-Y	4" x 2" - Yellow
MMFHT4X4-Y	4" x 4" - Yellow
MMFHT8X4-Y	8" x 4" - Yellow
MMFHT12X4-Y	12" x 4" - Yellow
MMFHTC2X2-Y	2" x 2", with Cover - Yellow
MMFHTC4X2-Y	4" x 2", with Cover - Yellow
MMFHTC4X4-Y	4" x 4", with Cover - Yellow
MMFHTC8X4-Y	8" x 4", with Cover - Yellow
MMFHTC12X4-Y	12" x 4", with Cover - Yellow
MMFHTC4T8-Y	Transition, 4" to 8", with Cover - Yellow
MMFHTC8T4-Y	Transition, 8" to 4", with Cover - Yellow
MMFHTC12T4-Y	Transition, 12" to 4", with Cover - Yellow
MMFHTC12T8-Y	Transition, 12" to 8", with Cover - Yellow

NOTE: All product dimensions are listed by width, height and depth unless specified otherwise.

# MIGHTY MO<sup>®</sup> FIBER RACEWAY FITTINGS



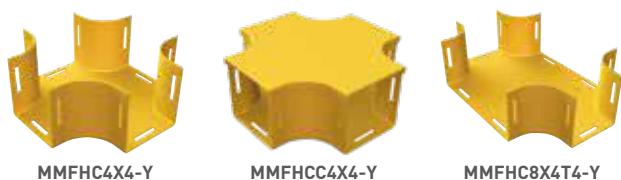
## VERTICAL TEES

Vertical tees are used to drop cables vertically from horizontal routes into frames or cabinets. They are available with and without covers. Vertical tees in 8" x 4" and 12" x 4" can be used to transition to smaller duct and retrofit tees can be installed where cables are already in place.

PART NO.	DESCRIPTION
MMFVT2X2T2-Y	2" x 2" to 2" x 2" - Yellow
MMFVT4X2T4-Y	4" x 2" to 4" x 2" - Yellow
MMFVT4X4T4-Y	4" x 4" to 4" x 4" - Yellow
MMFVT8X4T4-Y	8" x 4" to 4" x 4" - Yellow
MMFVT12X4T8-Y	12" x 4" to 8" x 4" - Yellow
MMFVTC2X2T2-Y	2" x 2" to 2" x 2", with Cover - Yellow
MMFVTC4X2T4-Y	4" x 2" to 4" x 2", with Cover - Yellow
MMFVTC4X4T4-Y	4" x 4" to 4" x 4", with Cover - Yellow
MMFVTC8X4T4-Y	8" x 4" to 4" x 4", with Cover - Yellow
MMFVTC8X4T8-Y	8" x 4" to 8" x 4", with Cover - Yellow
MMFVTC12X4T8-Y	12" x 4" to 8" x 4", with Cover - Yellow
MMFVTR2X2T2-Y	2" x 2" to 2" x 2", Retrofit - Yellow
MMFVTR4X4T4-Y	4" x 4" to 4" x 4", Retrofit - Yellow
MMFVTR8X4T4-Y	8" x 4" to 4" x 4", Retrofit - Yellow

## HORIZONTAL CROSSES

Horizontal crosses can be used to provide a cross intersection in straight duct. Transition crosses join duct of different sizes. They are available with and without covers.



PART NO.	DESCRIPTION
MMFHC2X2-Y	2" x 2" - Yellow
MMFHC4X2-Y	4" x 2" - Yellow
MMFHC4X4-Y	4" x 4" - Yellow
MMFHC8X4-Y	8" x 4" - Yellow
MMFHC12X4-Y	12" x 4" - Yellow
MMFHCC2X2-Y	2" x 2", with Cover - Yellow
MMFHCC4X2-Y	4" x 2", with Cover - Yellow
MMFHCC4X4-Y	4" x 4", with Cover - Yellow
MMFHCC8X4-Y	8" x 4", with Cover - Yellow
MMFHCC12X4-Y	12" x 4", with Cover - Yellow
MMFHC8X4T4-Y	Transition, 8" x 4" to 4" x 4" - Yellow
MMFHC8X4T12-Y	Transition, 8" x 4" to 12" x 4" - Yellow
MMFHC12X4T4-Y	Transition, 12" x 4" to 4" x 4" - Yellow

NOTE: All product dimensions are listed by width, height and depth unless specified otherwise.



# MIGHTY MO<sup>®</sup> FIBER RACEWAY FITTINGS



MMFHC12X4T4-Y



MMFHT4X4-Y



MMFHTC4X4-Y



MMFECS4X4-Y



MMFECSL4X4-Y



MMFEC2X220KO-Y

## HORIZONTAL CROSSES (CONT)

PART NO.	DESCRIPTION
MMFHCC8X4T4-Y	Transition, 8" x 4" to 4" x 4", with Cover - Yellow
MMFHCC8X4T12-Y	Transition, 8" x 4" to 12" x 4", with Cover - Yellow
MMFHCC12X4T4-Y	Transition, 12" x 4" to 4" x 4", with Cover - Yellow

## FIBER STORAGE LOOPS

Fiber storage loops are used to safely store excess fiber length and can be placed in any horizontal route. They are available in inline or offset versions.

PART NO.	DESCRIPTION
MMFFSLIN2X2-Y	2" x 2", Inline - Yellow
MMFFSLIN4X2-Y	4" x 2", Inline - Yellow
MMFFSLIN4X4-Y	4" x 4", Inline - Yellow
MMFFSLIN8X4-Y	8" x 4", Inline - Yellow
MMFFSLIN12X4-Y	12" x 4", Inline - Yellow
MMFFSLOF2X2-Y	2" x 2", Offset - Yellow
MMFFSLOF4X2-Y	4" x 2", Offset - Yellow
MMFFSLOF4X4-Y	4" x 4", Offset - Yellow
MMFFSLOF8X4-Y	8" x 4", Offset - Yellow
MMFFSLOF12X4-Y	12" x 4", Offset - Yellow

## END CAPS

End caps are used to close off the end of a horizontal or vertical route of duct. Some are solid, others have knockouts, cutouts or outlets for attaching flexible tubing.

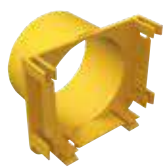
PART NO.	DESCRIPTION
MMFECS4X2-Y	4" x 2", Blank - Yellow
MMFECS4X4-Y	4" x 4", Blank - Yellow
MMFECS8X4-Y	8" x 4", Blank - Yellow
MMFECSL4X4-Y	4" x 4", Blank, Slotless Duct - Yellow
MMFECSL8X4-Y	8" x 4", Blank, Slotless Duct - Yellow
MMFECSL12X4-Y	12" x 4", Blank, Slotless Duct - Yellow
MMFEC2X220KO-Y	2" x 2", (2) 20mm Diameter Knockouts - Yellow
MMFEC2X238KO-Y	2" x 2", 38mm Diameter Knockout - Yellow

NOTE: All product dimensions are listed by width, height and depth unless specified otherwise.

# MIGHTY MO<sup>®</sup> FIBER RACEWAY FITTINGS



MMFEC2X238CO-Y



MMFEC2X244TO-Y



MMFEC4X432KO-Y



MMFEC4X488TO-Y



MMF4X4R2X2-Y



MMFC4X4R2X2-Y



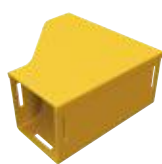
MMF4X4R4X2-Y



MMFC4X4R4X2-Y



MMFR8X4R4X4-Y



MMFLC8X4R4X4-Y



MMFRG10-Y



MMFOT4-Y

NOTE: All product dimensions are listed by width, height and depth unless specified otherwise.

## END CAPS (CONT)

PART NO.	DESCRIPTION
MMFEC2X238CO-Y	2" x 2", 32mm Diameter Cutout - Yellow
MMFEC2X244TO-Y	2" x 2", 44mm Tube Outlet - Yellow
MMFEC4X432KO-Y	4" x 4", (2) 32mm Diameter Knockouts - Yellow
MMFEC4X446KO-Y	4" x 4", (2) 46mm Diameter Knockouts - Yellow
MMFEC4X4ESB-Y	4" x 4", End Support Bracket - Yellow
MMFEC4X488TO-Y	4" x 4", 88mm Tube Outlet - Yellow
MMFEC8X488TO-Y	4" x 4", (2) 88mm Tube Outlets - Yellow

## REDUCERS

Reducers allow different size ducts to be joined together. They are available with or without covers.

PART NO.	DESCRIPTION
MMF4X2R2X2-Y	4" x 2" to 2" x 2" - Yellow
MMF4X4R2X2-Y	4" x 4" to 2" x 2" - Yellow
MMFC4X2R2X2-Y	4" x 2" to 2" x 2", with Cover - Yellow
MMFC4X4R2X2-Y	4" x 4" to 2" x 2", with Cover - Yellow
MMF4X4R4X2-Y	4" x 4" to 4" x 2" - Yellow
MMF12X4R8X4-Y	12" x 4" to 8" x 4" - Yellow
MMFC4X4R4X2-Y	4" x 4" to 4" x 2", with Cover - Yellow
MMFC12X4R8X4-Y	12" x 4" to 8" x 4", with Cover - Yellow
MMFR8X4R4X4-Y	8" x 4" to 4" x 4", Right Hand - Yellow
MMFC8X4R4X4-Y	8" x 4" to 4" x 4", with Cover, Right Hand - Yellow
MMFL8X4R4X4-Y	8" x 4" to 4" x 4", Left Hand - Yellow
MMFLC8X4R4X4-Y	8" x 4" to 4" x 4", with Cover, Left Hand - Yellow

## DROP COMPONENTS

Radius guides provide protection for fiber optic cables exiting slotted duct. Outlet trumpets provide bend limitation for fiber optic cables exiting the side or end of the duct.

PART NO.	DESCRIPTION
MMFRG10-Y	Radius Guide, Package of 10 - Yellow
MMFOT2-Y	Outlet Trumpet, 2" - Yellow
MMFOT4-Y	Outlet Trumpet, 4" - Yellow
MMFOT8-Y	Outlet Trumpet, 8" - Yellow
MMFOT12-Y	Outlet Trumpet, 12" - Yellow

# MIGHTY MO<sup>®</sup> FIBER SIDE DROP-OFFS & TUBING



MMFSDK50DCT-Y



MMFSDK4X4-Y



MMFHCD04X4-Y

## SIDE DROP-OFF KITS

Side drop-off kits provide different methods of allowing fiber optic cables to enter or leave the duct. Both kits for the flexible tubing include a ramp up, drop-off and spreader. The 2" x 2" kit includes a ramp up, outlet trumpet, joiner and down elbow. The 4" x 4" kit includes an outlet trumpet, joiner and down elbow. The 4" x 2" kit includes a ramp up, outlet trumpet and joiner. A down angle or 4" x 2" duct can be attached to the 4" x 2" kit to create a low-profile cross ducting solution.

PART NO.	DESCRIPTION
MMFSDK50DCT-Y	50mm Diameter Flexible Tube - Yellow
MMFSDK50SCT-Y	50mm Square Flexible Tube - Yellow
MMFSDK2X2-Y	2" x 2" Duct - Yellow
MMFSDK4X4-Y	4" x 4" Duct - Yellow
MMFSDK4X2-Y	4" x 2" Duct - Yellow



MMFHCD0K4X4-Y

## HIGH CAPACITY SIDE DROP-OFFS AND KITS

High capacity side drop-offs and kits provide different methods of allowing fiber optic cables to enter or leave the duct. Individual drop-offs include the combined outlet and 90° elbow and cover. In addition to the outlet the 4" x 4" kit also includes one single 88mm tube end cap and one 2m long flexible tube. The 8" x 4" kit includes the outlet, one dual 88mm tube outlet and two 2m long flexible tubes.

PART NO.	DESCRIPTION
MMFHCD04X4-Y	90°, 4" x 4" - Yellow
MMFHCD0K4X4-Y	90°, 4" x 4", kit - Yellow
MMFHCD08X4-Y	90°, 8" x 4" - Yellow
MMFHCD0K8X4-Y	90°, 8" x 4", kit - Yellow

## FLEXIBLE TUBING

Tubing is used for feeding entering or exiting fibers from the duct into equipment racks and cabinets. They are ribbed to allow flexibility if drops cannot be positioned exactly over or under equipment. Some are available with removable covers or split for ease of cable installation.



MMFCT50D1M-Y

PART NO.	DESCRIPTION
MMFCT50D1M-Y	50mm Diameter, 1m - Yellow
MMFCT50D1M-B	50mm Diameter, 1m, black
MMFCT50D2M-Y	50mm Diameter, 2m - Yellow
MMFCT50D2M-B	50mm Diameter, 2m, black

NOTE: All product dimensions are listed by width, height and depth unless specified otherwise.

# MIGHTY MO<sup>®</sup> ADAPTER KITS & WALL MOUNTING KITS



MMFCT50S350-Y



MMFCTF751M-Y

## FLEXIBLE TUBING (CONT)

PART NO.	DESCRIPTION
MMFCT50S350-Y	50mm Square, 350mm Long - Yellow
MMFCT50S350-B	50mm Square, 350mm Long - Black
MMFCTOC50S350-Y	50mm Square, 350mm Long, Open, with Cover - Yellow
MMFCTF751M-Y	75mm inside Diameter, 88mm Outside Diameter, 1m - Yellow
MMFCTF752M-Y	75mm Inside Diameter, 88mm Outside Diameter, 2m - Yellow



MMFAK4X4ADC4-Y



MMFAKL4X4ADC6-Y



MMFAKL8X4PAN6-Y

## ADAPTER KITS

Adapter kits are used to connect parts from other brands to the fiber raceway duct.

PART NO.	DESCRIPTION
MMFAK4X4ADC4-Y	4" x 4" to ADC 4"
MMFAKL8X4ADC6-Y	8" x 4" to ADC 6", Left Hand - Yellow
MMFAKR8X4ADC6-Y	8" x 4" to ADC 6", Right Hand - Yellow
MMFAK12X4ADC6-Y	12" x 4" to ADC 12"
MMFAKR4X4ADC6-Y	4" x 4" to ADC 6", Right Hand - Yellow
MMFAKL4X4ADC6-Y	4" x 4" to ADC 6", Left Hand - Yellow
MMFAKR8X4PAN6-Y	8" x 4" to Panduit 6", Right Hand - Yellow
MMFAKL8X4PAN6-Y	8" x 4" to Panduit 6", Left Hand - Yellow

## WALL MOUNTING KITS

Adapter kits are used to connect parts from other brands to the fiber raceway duct.



MMFMMK4



MMFMMKEX4

PART NO.	DESCRIPTION
MMFMMK4	For 4" Duct, Right Angle Bracket, Duct Mounting Bracket, Base Bracket and Hardware
MMFMMK8	For 8" Duct, Right Angle Bracket, duct Mounting Bracket, Base Bracket and Hardware
MMFMMKEX4	For 4" Duct, Right Angle Bracket, Straight Bracket and Hardware*
MMFMMKEX8	For 8" Duct, Right Angle Bracket and Hardware*

NOTE: \*Duct mounting brackets purchased separately

NOTE: All product dimensions are listed by width, height and depth unless specified otherwise.

# MIGHTY MO<sup>®</sup> MOUNTING HARDWARE



MMFSUSKNR12



MMFSUSK124

## SUSPENSION KITS

Suspension kits are used to suspend raceway from existing metal work.

PART NO.	DESCRIPTION
MMFSUSK1212	12" Duct Mounting Bracket, (2) Straight Brackets, (2) 36" Long 12mm Threaded Rods and Hardware
MMFSUSK5812	12" Duct Mounting Bracket, (2) Straight Brackets, (2) 36" Long 5/8" Threaded Rods and Hardware
MMFSUSKNR12	12" Duct Mounting Bracket, (2) Straight Brackets and Hardware (No Threaded Rod)
MMFSUSK128	8" Duct Mounting Bracket, Straight Bracket, (2) 15" Long 12mm Threaded Rods and Hardware
MMFSUSK168	8" Duct Mounting Bracket, Straight Bracket, (2) 15" Long 16mm Threaded Rods and Hardware
MMFSUSK124	4" Duct Mounting Bracket, Straight Bracket, (2) 15" Long 12mm Threaded Rods and Hardware
MMFSUSK164	4" Duct Mounting Bracket, Straight Bracket, (2) 15" Long 16mm Threaded Rods and Hardware



MMFRMK4

## RAISED MOUNTING KITS

Raised mounting kits are used for supporting the raceway above cabinets or metal work.

PART NO.	DESCRIPTION
MMFRMK2	For 2" Duct, Mounting Plate, 15" Long Threaded Rod and Hardware
MMFRMK4	For 4" Duct, Duct Management Bracket, 15" Long Threaded Rod, Protective Sleeve and Hardware
MMFRMK8	For 8" Duct, Duct Management Bracket, 15" Long Threaded Rod, Protective Sleeve and Hardware
MMFRMK12	For 12" Duct, Duct Management Bracket, 15" Long Threaded Rod, Protective Sleeve and Hardware

# MIGHTY MO<sup>®</sup> MOUNTING HARDWARE & RACEWAY TOOLING



MMFRFPMK



MMFCFMBKT

## UNDERFLOOR MOUNTING KITS

Underfloor mounting kits are used to support the raceway from raised floor pedestals or from the concrete floor.

PART NO.	DESCRIPTION
MMFRFPMK	For Raised Floor Pedestal, Bracket, U-Bolt and Hardware*
MMFCFMBKT	For Concrete Floor, Bracket Only, Requires Raised Mounting Kit

NOTE: \*Duct mounting brackets purchased separately.



MMFRUNBK4812



MMFU158MB4812

## RUNWAY MOUNTING KITS

Runway mounting kits are used to support the raceway from runway with 1-1/2" high side rails.

PART NO.	DESCRIPTION
MMFRUNBK4812	For 4", 8" and 12" Duct Mounting Brackets
MMFRUNBK2	For 2" Duct Mounting Brackets
MMFU158MB4812	For 4", 8" and 12" Raised Mounting Brackets



MMFDMB4

## DUCT MOUNTING BRACKETS

Duct mounting brackets are used with mounting angle brackets and other kits that can accept multiple sizes of duct. They contain one bracket and attaching hardware.

PART NO.	DESCRIPTION
MMFDMB2	For 2" Duct
MMFDMB4	For 4" Duct
MMFDMB8	For 8" Duct
MMFDMB12	For 12" Duct



MMFST48

## SLOTING TOOLS

Slotting tools are used to produce slots in the end of a cut length of duct required when using slotted joiners.

PART NO.	DESCRIPTION
MMFST2	For 2" Duct
MMFST48	For 4" & 8" Duct
MMFSTS4X2	For 4" x 2" Duct, Side

# MIGHTY MO<sup>®</sup> RACEWAY TOOLING



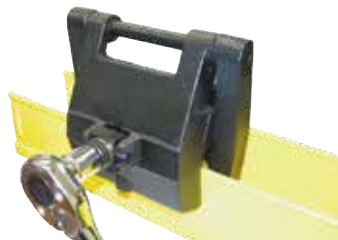
MMFSTFO

## SLOTING TOOL – FOOT OPERATED

The foot operated duct slotting tool allows installers to improve efficiency with it's no fuss operation and ergonomic design. This method safely and easily slots ducting, improving the efficiency of installations.

- Ducting can be easily aligned and positioned on slotting jig
- Fast and easy-to-use slotting mechanism which slots in seconds
- Compact unit only weighs 18 lbs—easy to transport
- Steady and robust platform
- Ergonomically designed, no stress or heavy manual operation required
- Repeatedly produces accurate slots

PART NO.	DESCRIPTION
MMFSTFO	Foot Operated, 4" x 2" and Larger Duct

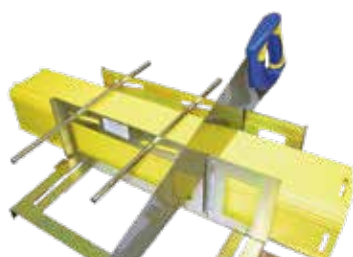


MMFCOT6

## RACEWAY CUT-OUT TOOLS

Cut-out tools are used to cut notches in the side of the duct to accommodate drop-outs. They are supplied with a fiber spreader to protect previously installed fibers when using the tools.

PART NO.	DESCRIPTION
MMFCOT35	For 3.5" Cut-Outs
MMFCOT6	For 6" Cut-Outs



MMFMBX4812

## MITER BOX

The miter box provides a means of producing an accurate and straight cut on ducting. This is essential for correct alignment of the slotting tools and joiners.

PART NO.	DESCRIPTION
MMFMBX4812	For 4", 8" and 12" Duct

# CABLOFIL® SOLUTIONS



Cablofil® cable management is constructed of precision engineered, high quality, welded steel wire and is the result of decades of research gained from the installation of 110,000 miles of tray across the globe. Our tray is subjected to testing at every stage of the manufacturing process.

## Resistance to Fire

Cablofil cable management is certified E-30 to E-90. This German standard is the only certification of its kind in the world and requires that the tray and its supports withstand 1000°C or 1832°F heat for a period of 90 minutes. This is an important safety consideration when planning fire exit routes from a burning building.

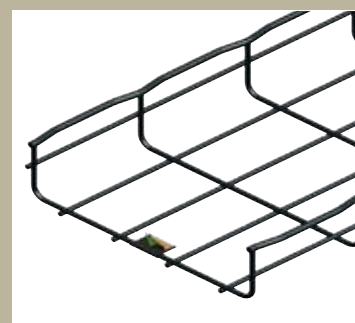
## Excellent EMC

Testing by independent laboratories show that Cablofil cable management, when installed and earthed correctly, significantly reduces electromagnetic disturbances. The steel structure of tray absorbs EMI and drains the disturbance away from cables causing minimal effect to the connected equipment. Cable pathways constructed of aluminum alloys or plastics have no effect on EMI reduction.

## UL Classified Painted Wire Cable Tray

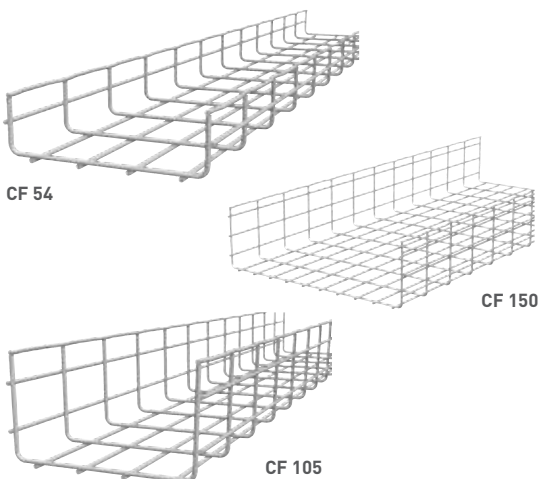
Our UL Classified painted wire tray meets NEC392 from the National Electric Code that states, "all cable tray systems must be properly bonded, per 250.96." It is also UL Classified as an EGC (Equipment Grounding Conductor). Installation requires a SWK splice on adjoining tray bottoms that features a copper strip.

## Featured Product



## UL Classified Painted Wire Cable Tray

- Industry's only UL-Classified painted wire cable tray per NEC 392
- Standard on all Cablofil BL or PE painted tray



## WIRE MESH CABLE TRAY

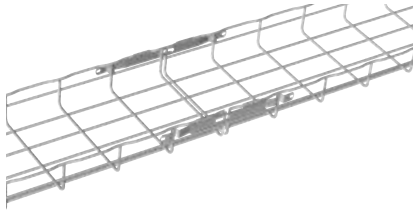
Unique Safe-T-Edge design keeps cables and the installer safe from sharp edges. All trays are available in 10' lengths.

PART NO.	DESCRIPTION
CF 54	2" Deep, Widths from 2" to 24"
CF 105	4" Deep, Widths from 4" to 24"
CF 150	6" Deep, Widths from 6" to 24"



# SPLICE & CONNECTOR HARDWARE

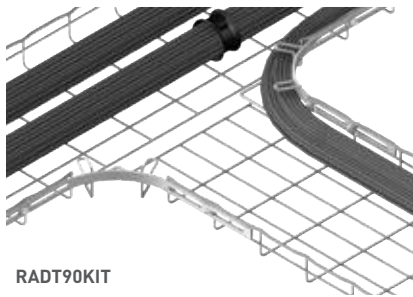
Cablofil® has a splice for every need. Our EDRN is the fastest splice we offer, saving up to half the installation time compared to bolted connections. Other splices are available that give your installation additional strength or have improved electrical continuity. The choice is yours.



EDRN

## FAST SPLICE

PART NO.	DESCRIPTION
EDRN	<ul style="list-style-type: none"> <li>- EDRN is our fastest splice—Saves up to half the install time compared to using bolted connections</li> <li>- Special assembly tool (EDRNT00L) is included in every bag of 50 splices</li> <li>- UL classified splice</li> </ul>



RADT90KIT

## RADIUS TEE 90° KIT

PART NO.	DESCRIPTION
RADT90KIT	<ul style="list-style-type: none"> <li>- RADT90KIT creates secure tray junctions</li> <li>- Facilitates easy cable pulling into the cable pathway</li> <li>- Available for 2", 4" and 6" depth tray</li> <li>- *RADT9012KIT now available with a wider radius that makes pulling large power cables into Cablofil much easier</li> </ul>

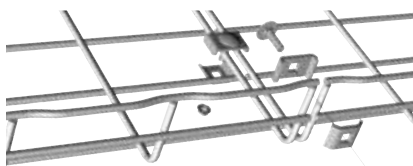
NOTE: \*Denotes separate product offering with different part numbers for available sizes and finishes



FASLOCK

## 90° SPLICE

PART NO.	DESCRIPTION
FASLOCK	<ul style="list-style-type: none"> <li>- FASLOCK splice creates sweeps and bends without the need for bolted hardware</li> <li>- Available in S and XL sizes</li> <li>- Use FASLOCK S for CF54/100, 150, 200, CF 105/100, 150, 200, 300</li> <li>- Use FASLOCK XL for all other larger sizes</li> </ul>



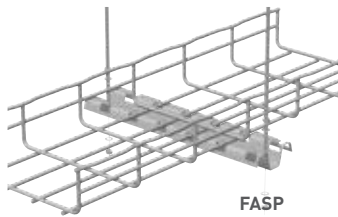
SWK

## SPLICE WASHER KIT

PART NO.	DESCRIPTION
SWK	<ul style="list-style-type: none"> <li>- SWK is designed with a 1/4" x 20" threaded bolt compatible with standard US tools</li> <li>- Use SWK to splice any two sections of Cablofil tray</li> <li>- Swaged nut allows clamp to be stationary while nut is tightened</li> <li>- Also use for fabricating bends, turns and tees</li> <li>- UL classified splice</li> </ul>

# FAST ASSEMBLY SYSTEM (FAS)

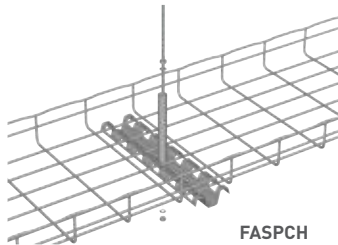
The FAS system utilizes simple one-step locking tabs that require no additional hardware to secure tray runs to its supports, reducing installation time and saving money.



FASP

## FAS PROFILE

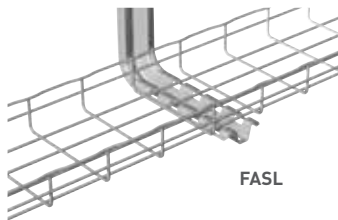
PART NO.	DESCRIPTION
FASP	<ul style="list-style-type: none"> <li>- FASP supports Cablofil tray in trapeze hung and/or wall mounted applications</li> <li>- Available in 6" through 120" lengths</li> <li>- For trapeze hung installs, use a FAS Profile that's 4" longer than the tray width</li> </ul>



FASPCH

## FAS CENTER HANGER

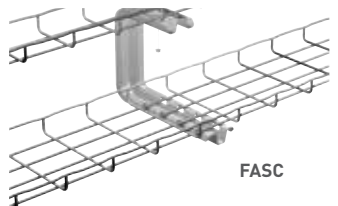
PART NO.	DESCRIPTION
FASPCH	<ul style="list-style-type: none"> <li>- FASPCH supports Cablofil tray in center hung ceiling installations</li> <li>- Supports tray widths from 8" to 24"</li> <li>- Only one threaded rod is needed to suspend the tray</li> </ul>



FASL

## FAS L BRACKET

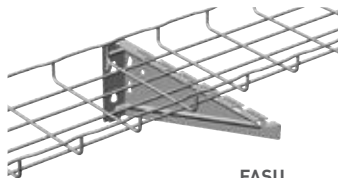
PART NO.	DESCRIPTION
FASL	<ul style="list-style-type: none"> <li>- FASL supports Cablofil tray in wall-mounted applications</li> <li>- FAS L supports Cablofil tray in under floor applications (in combination with UFC Clamp or EDF Rail)</li> <li>- Supports tray widths from 4" to 18"</li> <li>- Patented FAS style attachment holds cable tray secure without nuts and bolts</li> </ul>



FASC

## FAS C BRACKET

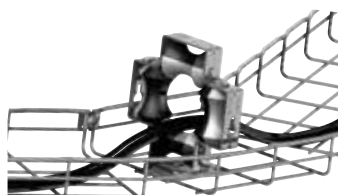
PART NO.	DESCRIPTION
FASC	<ul style="list-style-type: none"> <li>- FASC supports Cablofil tray in wall-mounted or ceiling-mounted applications</li> <li>- Use one or more FASC brackets to create multiple tray level installations</li> <li>- Patented FAS style attachment holds cable tray secure without nuts and bolts</li> <li>- Supports tray widths from 4" to 18"</li> </ul>



FASU

## FAS UNIVERSAL BRACKET

PART NO.	DESCRIPTION
FASU	<ul style="list-style-type: none"> <li>- FASU supports Cablofil tray in wall-mounted applications</li> <li>- Supports tray widths from 4" to 24"</li> <li>- Patented FAS style attachment holds cable tray secure without nuts and bolts</li> </ul>



FASROLLER

## FAS ROLLER

PART NO.	DESCRIPTION
FASROLLER	<ul style="list-style-type: none"> <li>- FASROLLER installs directly onto Cablofil tray, facilitating the pulling of cables around bends, beams, and under floor</li> <li>- Unique, four roller design, prevents cable snagging</li> <li>- Easy open gate allows full access to FASROLLER</li> <li>- Sold in sets of six—includes carrying case</li> </ul>

# J-HOOKS

## CJ SERIES



CJ Series J-Hooks provide stress-free support for multiple cables and features a structural design for optimal strength and tapered edges to minimize damage. Pre-drilled holes reduce on-site modification and multiple attachment options are available, enabling quick and easy installation virtually anywhere.

PART NO.	PACK SIZE	HOOK SIZE (IN)	LOAD CAPACITY (LBS)	CABLE CAPACITY		
				4-PAIR UTP CAT 5E	CAT6	2 STRAND FIBER OPTIC
CJ12	50	3/4	17	16	10	16
CJ21	50	1 5/16	17	50	32	50
CJ32	50	2	17	80	50	80
CJ64	25	4	50	300	220	300

## ATTACHMENT OPTIONS

ITEM SUFFIX	DESCRIPTION	ITEM SUFFIX	DESCRIPTION
W	Bat Wing 12 Gage – 1/4" ATR	CPBC	Angled Clip and Pressed Beam Clamp – Up to 1/2"
AC	90° Angled Clip – 1/4" Hole	SSBC	Assembled to SSBC – 1/8" to 1/2"
AC6	90° Angled Clip – 3/8" Hole	ACSSB	Angled Clip and SSBC – Swivels 360°
HOK24	Knock-On Steel Beam Clamp – 1/8" to 1/4"	ACHOK24	Knock-On Clamp and Angled Clip – Swivels 360°
HOK58	Knock-On Steel Beam Clamp – 5/16" to 1/2"	MS (Color)*	Mylar ID Label Color Options
PBC	Pressed Beam Clamp – Up to 1/2"		

\*User installed—contact factory for details



## CABLE CAGE

Cable Cage J-Hooks are Plenum rated and features a built in latch for locking the bendable flap into place—100s of times. CJHP J-Hooks combine the best of metal and plastic, providing the strength of steel and an extra wide 2" slick, no-bur surface for easy cable pulling. They support all data communication/low-voltage cabling with multiple attachment options are available, enabling quick and easy installation virtually anywhere.

PART NO.	PACK SIZE	HOOK SIZE (IN)	LOAD CAPACITY (LBS)	CABLE CAPACITY		
				4-PAIR UTP CAT 5E	CAT6	2 STRAND FIBER OPTIC
CJ16HP	50	1	17	20	15	20
CJ32HP	50	2	17	90	60	90
CJ48HP	25	3	50	200	150	200
CJ 64HP	25	4	50	300	220	300

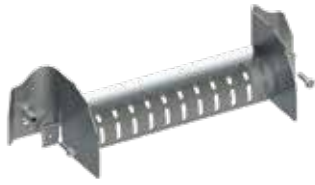
## J-HOOK TREES

J-Hook Trees from two to five tiers of cable runs following the same pathway. They are ready to use (no assembly required) in multiple sizes and attachment methods. These items are not stocked in inventory. Contact us for ordering, shipping, pricing, and configuration information: 800.658.4641



CJ TREES	
Available for:	CJ16HP, CJ21, CJ32, CJ32HP, CJ64, CJ64HP
Mounting options	PBC, AC or None
Hooks Support	Single Sided (SB) all Hooks on One Side or Double Sided (DB) Hooks on Both Sides
Example Item #	CJ64-SB-2

# ACCESSORIES



UDO

## UNIVERSAL DROP OUT

PART NO.	DESCRIPTION
UDO	Enables cable drops directly off the side of the tray without having to make any cuts or modifications, allowing the strength of the tray to be maintained.



CDO

## CENTER DROP OUT

PART NO.	DESCRIPTION
CDO	Enables cable drops through the center of the tray either before or after cabling is installed. Available in electrozinc, white, black, or custom colors to match any data center.



OTDOFAS

## OVER-THE-TOP WATERFALL DROPOUT

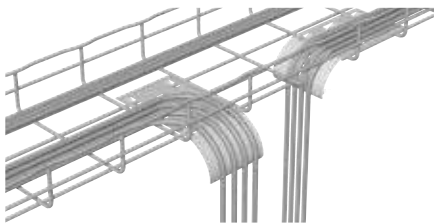
PART NO.	DESCRIPTION
OTDOFAS	<p>Snaps onto wire basket allowing cables to exit or enter the side of the tray, eliminating the need to cut any side wires that reduce tray integrity.</p> <ul style="list-style-type: none"> <li>- CF54 Series: Fits 300 Width &amp; Wider</li> <li>- CF105 Series: Fits 150 Width &amp; Wider</li> <li>- CF150 Series: Fits All Widths</li> </ul>



INSERTPP

## PLASTIC INSERT

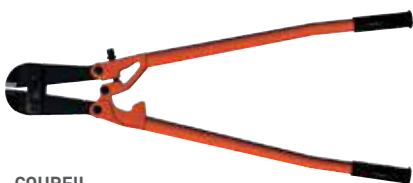
PART NO.	DESCRIPTION
INSERTPPXXX	Creates a smooth bottom for sensitive cable types in Cablofil cable management. Available in bottom only and bottom with sides, each 200' polypropylene roll can be easily cut to length to fit any installation.



CABLEXIT

## CABLE EXIT SNAP IN MOUNTING TABS

PART NO.	DESCRIPTION
CABLEXIT	<p>Protects cables when exiting or entering tray. Snap-in mounting tabs eliminate the need for attachment hardware and speeds install time.</p>



COUPFIL

## CABLE TRAY CUTTER

PART NO.	DESCRIPTION
COUPFIL	Side Action Angle Bolt Cutters

# FINISHES & CERTIFICATIONS

Cablofil® wire cable tray and accessories are available in a variety of finishes to meet any industry need, from decorative to extreme environments. Use this chart to help you determine the best finish for your application and its availability.

SYMBOL	MATERIAL	FINISH AND STANDARD	Interior Installations	Exterior Installations	Petroleum/ Chemical Plants	Marine/Salt, Environments	Acidic, Alkaline Environments	Food Production, Wash-down, Clean rooms	Halogen Environments
PG	Carbon Steel ASTM A653	<b>Pre-Galvanized:</b> Continuous Galvanization Before Fabrication ASTM A 653	■						
EZ	Carbon Steel ASTM A510 Grade 1008	<b>Electrozinc:</b> After Fabrication ASTM A 123	■						
GC	Carbon Steel ASTM A510 Grade 1008	<b>Hot Dipped Galvanized:</b> After Fabrication ASTM A 123		■	■	■	■		
DC	Carbon Steel ASTM A510 Grade 1008	<b>Geomet:</b> Zinc and Aluminum Protection Equivalent to Hot Dip Galvanization ASTM F 1136		■	■	■	■		
304L	Stainless Steel AISI Type 304L	<b>Stainless Steel 304L:</b> Cleaned and Passivated ASTM 380		■	■	■	■	■	■
316L	Carbon Steel ASTM A510 Grade 1008	<b>Stainless Steel 316L:</b> Cleaned and Passivated ASTM A 380		■	■	■	■	■	■
BL	Carbon Steel ASTM A510 Grade 1008	<b>Black Painted:</b> Black Powder Coated ASTM D 3451	■						
PE	Carbon Steel ASTM A510 Grade 1008	<b>Custom Painted:</b> Custom Color Powder Coated ASTM D 3451	■						

Notes: For a more detailed explanation of finish standards and compatibility, visit [www.legrand.us/cablofil](http://www.legrand.us/cablofil).

■ Recommended □ Possible

## CERTIFICATIONS

Cablofil® products have been independently evaluated by UL, CSA, ABS, DNV, ETL and VDE to meet applicable standards and requirements. Our products hold UL Classification to NEC requirements, cCSAus certification to NEMA and CSA requirements, ABS Product Design Assessment certification and E90 certification. Our products also meet the standards requirements of IEC, EIA-TIA and BICSI. For more information on Cablofil certifications, please visit [www.legrand.us/cablofil](http://www.legrand.us/cablofil).

## MEMBERSHIPS

NEMA, CTI, EIA-TIA, NFPA, IEC, BICSI



# WIREMOLD® SOLUTIONS



Legrand® offers fully integrated cabling infrastructure solutions that support the entire range of workstation services. Engineered to provide the highest degree of support for high performance cabling, these systems feature bend radius control to protect UTP and fiber optic cable during lay-in and cable pull installations – plus a host of installation features developed through extensive field work with customers.

Legrand® cable management systems now fully integrate across a wide range of Legrand technology solutions. These platforms have been modified to seamlessly accept front-loading TracJack® modules for voice, data, audio, and video.

## Featured Products



Evolution™ Series  
Poke-Thru Device  
Meeting Room Solutions



## SUSTAINABILITY BUILT IN

to support our associates, customers, and the environment

At Legrand, North & Central America, we're committed to leading by example within our own operations, to developing high quality solutions for our customers' High Performance Buildings, and to transforming how people live and work – more safely, more comfortably, more efficiently.



### Better Operations

A commitment to a leadership role in operational excellence through environmental management, optimizing the way we manage energy, water and waste.



### Better Lives

A dedication to enhancing employee and community welfare through programs that help people enjoy healthier, more productive and more rewarding lives.



### Better Performance

A core principle of designing for sustainability drives us to innovate products and systems that enable buildings to reach exceptional levels of performance, bringing about industry-leading ideas, inventions and initiatives.

# 4000<sup>®</sup> DESIGNER SERIES RACEWAY

Legrand<sup>®</sup> 4000 Designer Series raceway is the next generation in innovative surface raceway systems, providing an aesthetically pleasing and functionally superior alternative to existing raceway profiles. DS4000<sup>®</sup> series raceway includes a variety of innovative features and fittings that save installation time, cost less to specify, and provide 1/3 more wiring capacity than conventional box-style raceway profiles.

## Innovative Profile

Design allows for more efficient use of raceway capacity and provides 1/3 more wiring capacity than conventional raceways.

## Unique Downward-Facing Activations

Raceway can be loaded with either downward-facing or conventional activations, or a combination of both as needed.

## Adjust-To-Fit Couplings

Adjust-to-fit couplings provide up to four inches [102 mm] of lateral adjustment, eliminating the need for precision cuts and reducing waste caused by measuring errors.

## Obstacle-Avoidance Fittings

Bypass large and small obstacles, as well as small offsets in supporting walls. Small obstacle avoidance fitting also can be used as a transition fitting to other Legrand metal raceway systems. Eliminates all barriers to installation.

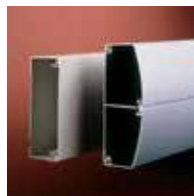
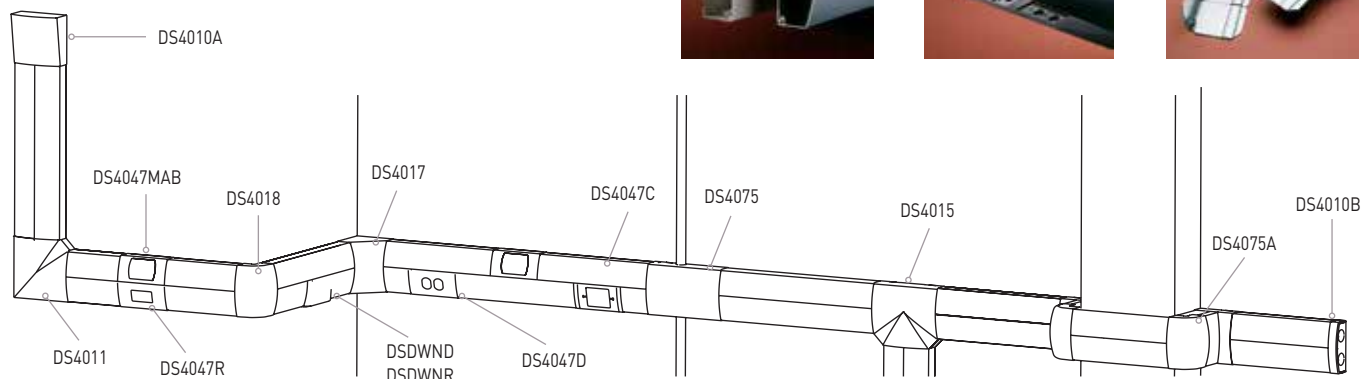
## Cross-Over Feature

Better utilization of raceway wiring capacity while maintaining separation of services. All fittings are bend radius compliant for fiber optic and UTP/STP cabling and exceed the TIA 569 requirements for communications pathways.

## Updated Color Palette

DS4000 steel raceway is available in fog white, designer gray, matte black, and metallic bronze. Custom colors are also available.

## System Layout



### Key

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

### Additional 4000 Designer Series Raceway Components Available:

DS4000B	Raceway Base
DS4000C	Raceway Cover
DS4000WC	Wire Clips
DS4001	Adjust-to-Fit Coupling
DS4006	Seam Clip
DS4006B	Half Seam Clip/Blank Faceplate
DS4014A	Backfeed Coupling
DS4047DQ	Single-Channel Duplex Device Plate
DSDWNDQ	Downward Duplex Device Plate
DSDWNX	Crossover Kit
DS4089	Adapter to 4000 Series Raceway
DSTRK	Tamper-Resistance Kit
640DS	DS4000C Cutter
650RT	Cover Removal Tool

# 2400<sup>®</sup> SERIES RACEWAY

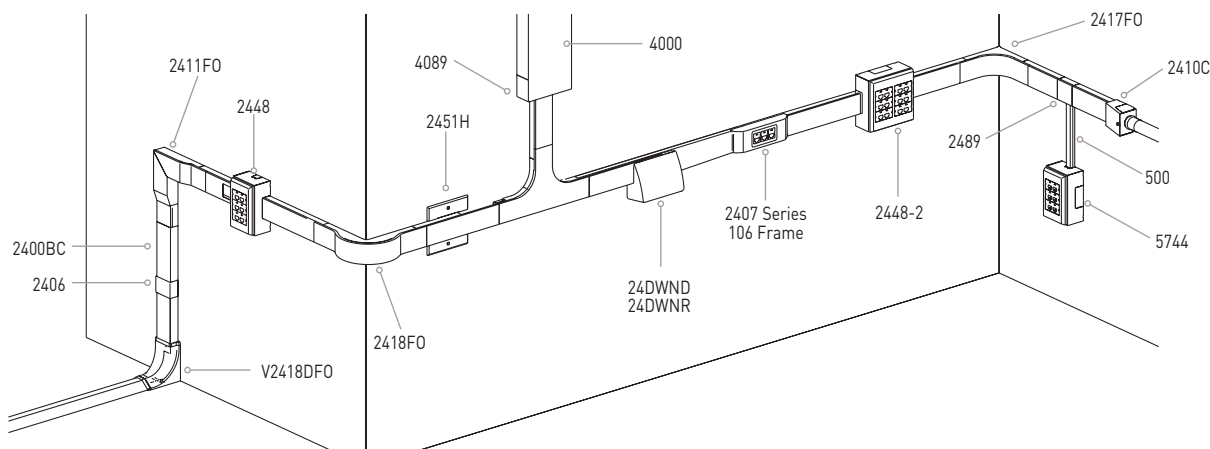
The V2400 Series raceway from Legrand<sup>®</sup> is a single compartment raceway for communication or power applications ideal for use in classrooms, offices and hotel applications, or anywhere a small low-profile raceway is needed. V2400D divided raceway is a low-profile steel raceway for use where a limited number of power and low-voltage cables are required in the same raceway.



## V2400 Series Raceway

Ideal for use in applications where low-profile and small capacity are required. Shown with downward facing device brackets in an office environment.

## System Layout (Single Channel Application)



### Key

4000	4000 Series Raceway Section
4089	Reducing Connector
24DWND	Downward Duplex Device Bracket
24DWNR	Downward Decorator Device Bracket
2400BC	Single-channel Raceway Base and Cover
2406	Cover Clip
2407	106 Device Bracket and Frame
2410C	Entrance End Fitting
2411FO	Radiused Flat Elbow
2415FO	Radiused Tee Fitting
2417FO	Radiused Internal Elbow
2418FO	Radiused External Elbow
2448	One-Gang Device Box
2448-2	Two-Gang Device Box
2451H	Back Feed Fitting
2489	Side Reducing Connector
2686FO	Transition Feed Fitting
500	500 Series Raceway
5744	Extra Deep Box

### Additional 2400 and 2400D Series Raceway Components Available:

624	2400 Raceway Base and Cover Cutter	2417M	Internal Elbow
640BCK	Replacement Blades for 624 Cutter	2418M	External Corner Coupling
2400WC	Wire Clips	2418DFO	Bend Radius Compliant External Elbow
2400BD	Divided Raceway Base	2426	Lamp Holder
2401D	Divided Coupling	2427GT	Duplex Receptacle
2407-2CM	106 Device Bracket and Frame	2427GA	Duplex Receptacle
2407-2TJ	106 Device Bracket and Frame	2435D	Feed Box
2407-3TJ	106 Device Bracket and Frame	2444	One-Gang Deep Device Box
2409	Ground Clamp	2444D	One-Gang Device Box
2410A	Entrance End Fitting	2444D-2A	Two-Gang Divided Device Box
2410B	Blank End Fitting	2444-2	Two-Gang Extra Deep Device Box
2410BD	Divided Blank End Fitting	2444-2LS	Two-Gang OTR Device Box
2410DFO	Bend Radius Compliant Divided Entrance End Fitting	2475D	2400 Series Bridge Fitting
2410FC	Full Capacity Entrance End Fitting	2686FO	Bend Radius Compliant Transition Feed Fitting
2411DFO	Bend Radius Compliant 90° Elbow	IG2427GA	Isolated Ground Duplex Receptacle
2415DFO	Bend Radius Compliant Divided Tee	IG2427GT	Isolated Ground Duplex Receptacle
2415M	Tee	CM-EPLA	End Plates
2417DFO	Bend Radius Compliant Divided Internal Elbow	S2-EPL	End Plates

NOTE: 2400 and 2400D Series Raceways are compatible with 5507 Series Faceplates.

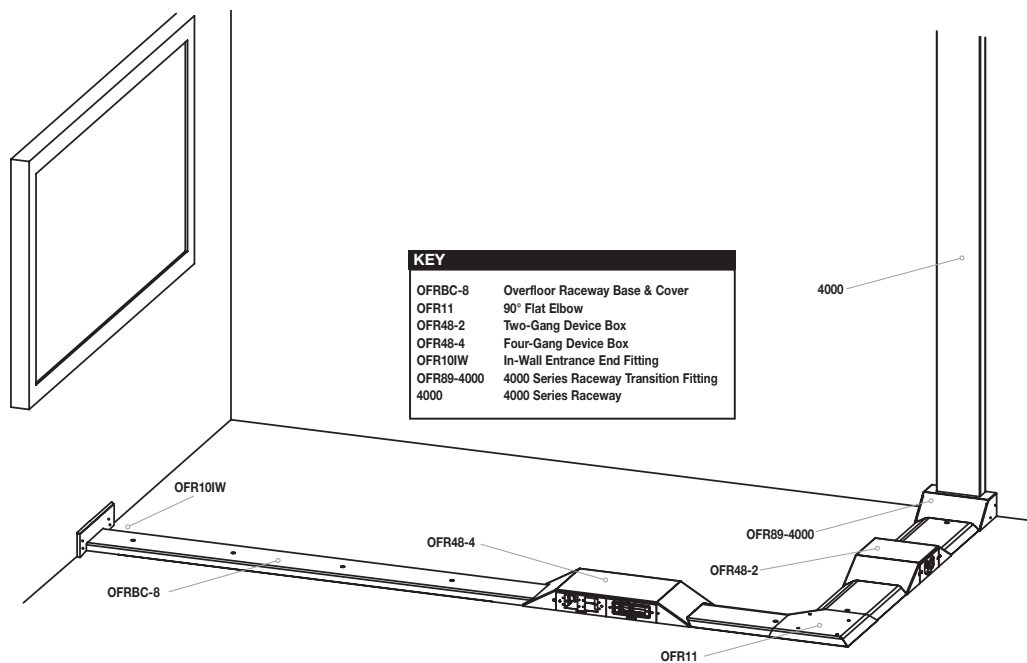
Add "V" prefix to part number to indicate ivory color, add "-FW" suffix to indicate fog white color.



# (OFR) OVERFLOOR SERIES RACEWAY

OFR Series overfloor raceway system provides four-channels of capacity and access to a wide range of power, communications, and A/V connectivity options in the smallest, lowest, narrowest, ADA compliant profile available in overfloor raceway systems. This system installs over existing floor coverings and is both tamper-resistant and installer-friendly, making it an ideal solution for relocatable or permanent installations where access through floors and ceilings is not an option. There are also transition fittings to feed OFR Series raceway from Legrand® wall-mounted raceway systems and Vista™ architectural columns. OFR Series raceway accepts open system device plates that provide connectivity to a wide range of devices from leading communication and A/V providers.

## OFR Series Overfloor Raceway System Layout



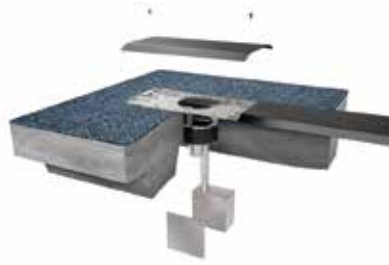
## OFR SERIES OVERFLOOR RACEWAY SYSTEM

PART NO.	DESCRIPTION
OFRB-8	Overfloor raceway base, base: .080" [2mm] aluminum, divided into four channels, packed (4) 8' [2.4m] lengths per carton
OFRC-8	Overfloor raceway cover, cover: .040" [1mm] steel, durable black powder coat finish, packed (4) 8' [2.4m] lengths of cover per carton
OFRBC-8	Overfloor raceway base and cover, cover: .040" [1mm] steel, base: 0.080" [2.0mm] aluminum, durable black powder coat finish, divided into four channels, packed (1) 8' [2.4m] length of base and cover per carton
OFR6	Overfloor raceway seam clip, covers seam where two sections, of OFR series overfloor raceway cover come together
OFR10IW	Overfloor raceway in-wall entrance end fitting, feeds OFR series overfloor raceway from behind wall, configurable to provide one or two channels of power, 1/2" trade size KO for single channel and 3/4" trade KO for two channel

# (OFR) OVERFLOOR SERIES RACEWAY



OFR Transition Fitting



OFR Poke-Thru Transition

## OFR SERIES OVERFLOOR RACEWAY SYSTEM (CONT)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
OFR10A	Overfloor raceway entrance end fitting, feeds OFR series raceway, (2) concentric 1/2" and 1-1/4" trade size KOs on end, includes removable divider that can be positioned to feed any raceway channel, can be used to feed raceway from wall or into furniture	OFR15	OFR tee/cross, for branching OFR series raceway at right angles, remove twistout on cover to make a cross
OFR48-2	Overfloor raceway two-gang box, divided two-gang device box, allows multiple services (power, communication, A/V) at a single point-of-use, side facing device mounting provides low-profile, with space for large cable bend radius, accepts OFR series device plates, removable divider can be aligned with any of the raceway channels	OFR17	OFR inside elbow, for internal right angle turns of OFR series raceway
OFR48-4	Overfloor raceway four-gang box, divided four-gang device box, allows multiple services (power, communication, A/V) at a single point-of-use, side facing device mounting provides low-profile, with space for large cable bend radius, accepts OFR series device plates, removable divider can be aligned with any of the raceway channels	OFRPT3	OFR 3" poke-thru transition, for bringing power, A/V, and data through abandoned poke-thru openings to open spaces, will replace any 3" poke-thru
OFR48-4GX	OFR crossover kit, allows access to power and communication on both sides of OFR48-4 four-gang device box	OFRPT4	OFR 4" poke-thru transition, for bringing power, A/V, and data through abandoned poke-thru openings to open spaces, will replace any 4" poke-thru
OFRWC	Overfloor raceway wire clips, for holding conductors in place, 12pk	OFR1	OFR coupling, joins lengths of OFRB-8 OFR series raceway base together, sold in pairs
OFR89-2400	OFR 2400 raceway transition, for connecting vertical runs of 2400 and 2400D series raceway with OFR series raceway, includes removable divider than can be positioned to feed any raceway channel	OFR9	OFR grounding clip, connects equipment grounding conductor to provide ground to OFR series raceway, #10 ground screw provided
OFR89-4000	OFR 4000 raceway transition, for connecting vertical runs of 4000 series raceway with OFR series raceway, includes removable divider than can be positioned to feed any raceway channel	OFR47-B	OFR blank device plate, for covering unused compartments in OFR48-2 and OFR48-4 device boxes
OFR89-DS4000	OFR DS4000 raceway transition, for connecting vertical runs of DS4000 series raceway with OFR series raceway, includes removable divider than can be positioned to feed any raceway channel	OFR47-D	OFR duplex device plate, for covering duplex style devices in OFR48-2 and OFR48-4 device boxes, accepts 106 frame
OFR89-VIS	OFR Vista™ Point5 transition, for connecting OFR series raceway to Vista Point5 architectural columns	OFR47-R	OFR decorator device plate, for covering rectangular decorator style devices in OFR48-2 and OFR48-4 device boxes
OFR89-VFL	OFR large Vista transition, for connecting OFR series raceway to Vista architectural columns	OFR47-U	OFR Extron® MAAP device plate, device plate that will accept up to (4) Extron Electronics MAAP style plates in OFR48-2 and OFR48-4 device boxes
OFR11	OFR flat elbow, for making right angle turns on the same surface	OFR47-V	OFR Extron AAP device plate, device plate that will accept (2) Extron Electronics AAP single space modules
OFR12	OFR 45° flat elbow, for making diagonal 45° turns on the same surface	OFR47-2A	OFR communications device plate, device plate that will accept up to (4) ports of communications devices, includes adapters for Ortronics® TracJack®, Pass & Seymour® activate inserts and Wiremold® open system communication modules
		OFR47-U2A	OFR Extron MAAP-2A combo device plate, combination device plate that will accept up to (2) Extron Electronics MAAP style plates and up to (2) ports of communications devices, includes adapters for Ortronics TracJack, Pass & Seymour activate inserts and Wiremold open system communication modules

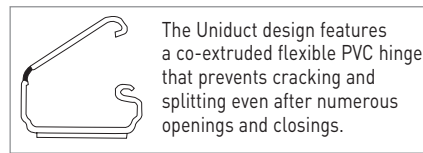
# UNIDUCT® 2700, 2800, 2900 SERIES RACEWAYS & ECLIPSE™ PN03, PN05 AND PN10 SERIES RACEWAYS

The Uniduct 2700, 2800, and 2900 Series nonmetallic latching raceway system is a one-piece single-channel design, ideally suited to route and protect fiber optic, UTP, and other low-voltage (50V or less) cables in an easy to install and aesthetically pleasing application. The 2800 and 2900 fiber optic (FO) fittings maintain a 1-1/4" [32mm] bend radius and are the perfect solution for even the most demanding cabling applications. Uniduct series raceway is available in ivory, white, and fog white and is paintable using latex paint. Consult the factory for custom color options.

## System Layout

### Key

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

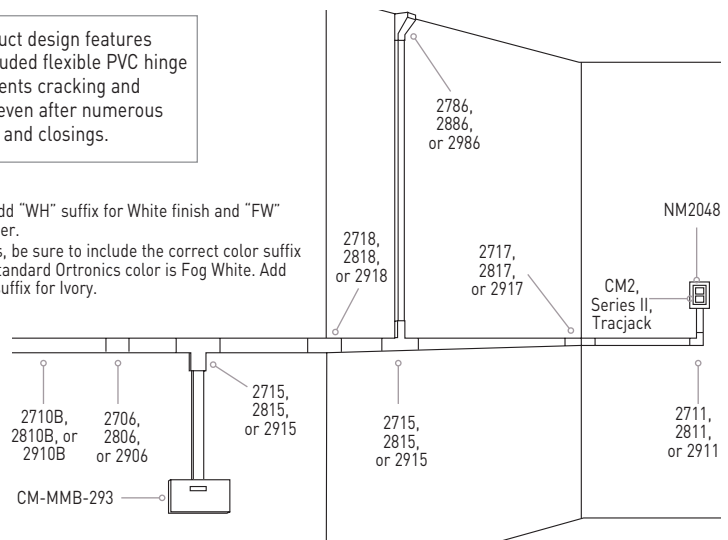


### Color:

No suffix denotes Ivory finish. Add "WH" suffix for White finish and "FW" suffix for Fog White finish. When ordering Ortronics inserts, be sure to include the correct color suffix to the Ortronics part number. Standard Ortronics color is Fog White. Add "-88" suffix for White, or "-99" suffix for Ivory.

### Additional Uniduct Series Raceway Components Available:

2700, 2800, 2900	Latching Raceway	CM-MMB-291	Multimedia Box
2811FO, 2911FO	Bend Radius	CM-MMB-292	Multimedia Box
2815FO, 2915FO	Compliant Flat Elbow	NM2044	Extra Deep Device Box
2817FO, 2917FO	Bend Radius	NM2044-2	Two-Gang Extra Deep Device Box
2817FO, 2917FO	Compliant Tee Fitting	NM2048	Deep Device Box
2817FO, 2917FO	Bend Radius Compliant Internal Elbow	NM2048-2	Two-Gang Deep Device Box
2818FO, 2918FO	Bend Radius Compliant External Elbow		



Eclipse PN03, PN05 and PN10 Series is a family of single-channel raceways available in fog white. These raceways are perfect for communication and/or power applications. Ideal for classrooms, offices and hotel applications or anywhere a small, low-profile raceway is needed. They are specifically designed for workstations and accept and TracJack® devices.

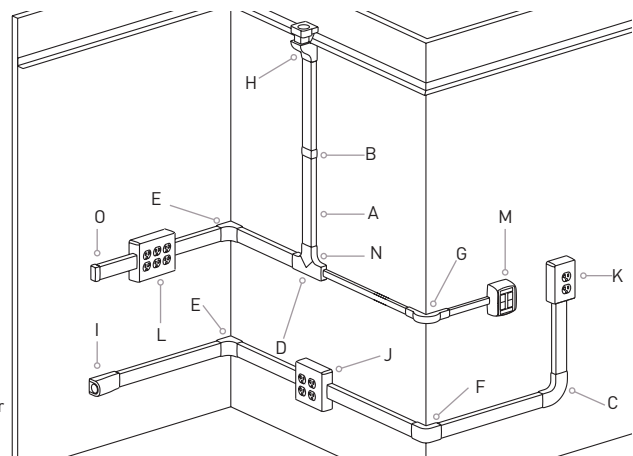
## System Layout

### Key

A - Raceway	PN03L08, PN03L10, PN05L08, PN05L10, PN10L08, PN10L10
B - Cover Clip	PN03F06, PN05F06, PN10F06
C - 90° Flat Elbow	PN03F11, PN05F11, PN10F11
D - Tee Fitting	PN03F15, PN05F15, PN10F15
E - Internal Elbow	PN03F17, PN05F17, PN10F17
F - External Elbow	PN03F18, PN05F18, PN10F18
G - 90° External Elbow	PN03F19, PN05F19, PN10F19
H - Drop Ceiling Connector	PN05F86, PN10F86
I - Entrance End Fitting	PN10F21
J - Two-Gang Power Box	PSB2
K - Two-Gang Power Box	PSB1
L - Three-Gang Power Box	PSB3
M - Communication Box	PDB1S2, PDB2TJ, PDB2S2, PDB4TJ, PBB2S2, PBB4TJ
N - Reducer Adapter	PN153R
O - Blank End Fitting	PN03F20, PN05F20, PN10F20

### Color:

To each part number, add "WH" suffix for White finish, "V" for Ivory finish, or "FW" for Fog White finish. When ordering Ortronics inserts, be sure to include the correct color suffix to the Ortronics part number. Standard Ortronics color is Fog White. Add "-88" suffix for White, "-99" suffix for Ivory.



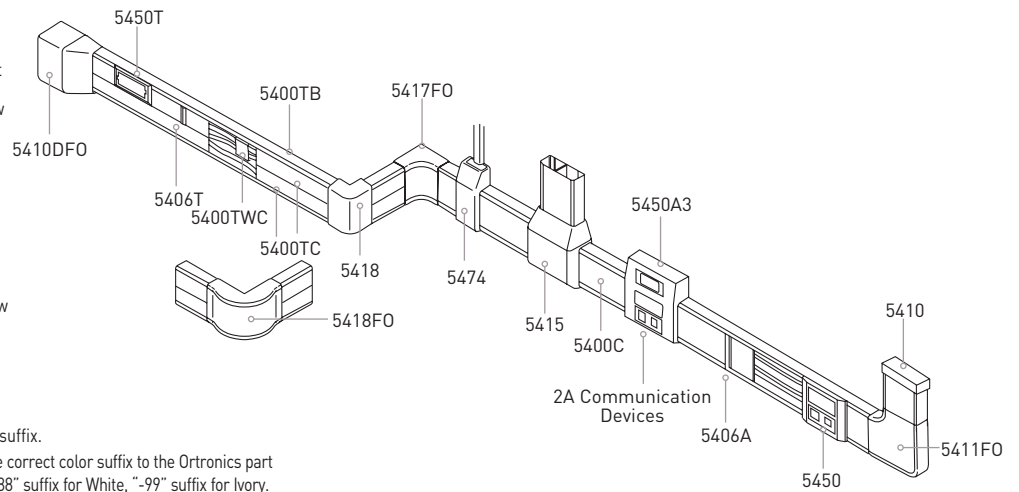
# 5400 SERIES & CABLESMART® 40N2 SERIES RACEWAY

The 5400 Series large capacity nonmetallic raceway provides wire and cable management for data, voice, video, and power applications. The unique Twin Snap™ cover allows complete segregation of access to power and low voltage services for installation flexibility. FiberReady® fittings provide a 2" bend radius. For school and office applications, this is an ideal solution for providing flexibility and accessibility of wire and cable. Available factory prewired.

## System Layout

### Key

- 5450T\* Twin Snap Cover Device Bracket
- 5400TB\* Two-Compartment Base
- 5417FO\* 2" Radius Full Capacity Internal Elbow
- 5450A3\* Three Device Mounting Bracket
- 5410\* End Cap
- 5411FO\* 2" Radius Full Capacity Flat Elbow
- 5450\* Device Bracket
- 5406A\* Cover Clip
- 5400C\* Full Width Cover
- 5415\* Tee
- 5474\* Transition Tap Fitting
- 5418\* External Elbow
- 5418FO\* 2" Radius Full Capacity External Elbow
- 5400TC\* Twin Snap Cover
- 5400TWC\* Twin Snap Cover Wire Clip
- 5406T\* Twin Snap Cover Clip
- 5410DFO\* Divided Entrance End Cap



### Color:

\*Standard color is ivory. For white finish add "WH" suffix.

When ordering Ortronics inserts, be sure to include the correct color suffix to the Ortronics part number. Standard Ortronics color is Fog White. Add "-88" suffix for White, "-99" suffix for Ivory.

## System Layout

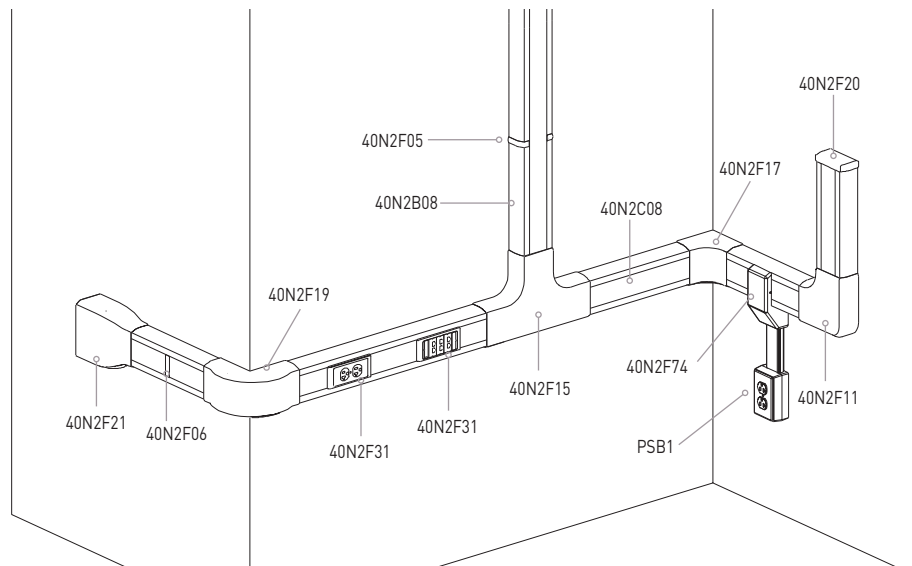
### Key

- 40N2F21 Twin Cover Device Bracket
- 40N2F06 Cover Clip
- 40N2F19 2" Bend Radius Full Capacity External Elbow
- 40N2F31 Twin Cover Device Bracket
- 40N2F15 2" Bend Radius Full Capacity Tee
- 40N2F74 Divided Transition Fitting
- PSB1 One-Gang Power Box
- 40N2F11 2" Bend Radius Full Capacity Flat Elbow
- 40N2F20 Blank End Fitting
- 40N2F17 2" Bend Radius Full Capacity Internal Elbow
- 40N2C08 Full Width Cover
- 40N2F05 Base Clip
- 40N2B08 Two-Compartment Base

### Color:

To each part number, add "WH" suffix for White finish or "V" for Ivory finish.

When ordering Ortronics inserts, be sure to include the correct color suffix to the Ortronics part number. Standard Ortronics color is Fog White. Add "-88" suffix for White, "-99" suffix for Ivory.



# MEETING ROOM SOLUTIONS

An emerging trend in workplace design is to allocate more open space for meetings and collaboration. This trend presents a challenge for routing and managing the “last meter” of cables from the infrastructure of the building to the point-of-use. Furthermore, connectivity and power configurations required to help business run smoothly change quickly as new technologies are introduced. Legrand® meeting room solutions solve all these issues with the new InteGreat™ Series of products. InteGreat products are specifically designed to fit together and protect the routing of power, communication and A/V cables from the building infrastructure to the point-of-use. InteGreat Series products are also designed to work with other Legrand products, such as OFR Series overfloor raceway and poke-thru devices.

- A. AVIP Device Plates – A/V** interface plates and devices mounted in the InteGreat A/V table box.
- B. InteGreat A/V Table Box –** Provides unique work surface solution to deliver devices access on the table surface and is fed from InteGreat UTCM system.
- C. InteGreat Cable Retractors –** Protects and organizes cabling while keeping table surface free of excess cabling.
- D. InteGreat Under Table Cable Management –** Provides clean cable management for power, communication and A/V cables on the underside of the table.
- E. InteGreat Transition Channel –** Connects with poke-thru devices or OFR Series overfloor raceway to transition cables from the floor to the underside of the table.
- F. OFR Series Overfloor Raceway –** Feeds power, communication and A/V cabling from wall to the underside of meeting table when feeding through the floor is not possible.
- G. Evolution™ Series Poke-Thru Device –** Delivers power, communication and A/V cabling through the floor.
- H. Evolution Series A/V Wall Box –** Provides power, communication and A/V services to flat screen monitors, while allowing the monitor to sit flush against the wall.



# INTEGRATE™ MEETING ROOM SOLUTIONS



InteGreat A/V Table Boxes

## INTEGRATE A/V TABLE BOXES

InteGreat A/V table boxes are an elegant solution for extending power, communication and A/V to the meeting presenters point-of use. InteGreat A/V table boxes provide the depth to mount devices, especially A/V devices, below the table top. It has attractive finishes that can match any room décor.

PART NO.	DESCRIPTION
TB672AUBK	Table box with 12' [3.66m] cord. Unit comes with (2) 15A and (2) USB ports in the recessed compartment, along with (1) 15A receptacle on the underside of the box. Hardware bag includes AVIP Series Cable Kit with (8) openings. Can accept up to (5) Legrand AVIP device plates or (5) Extron® Electronics MAAP device plates (sold separately) – Black
TB672AUAL	Table box with 12' [3.66m] cord. Unit comes with (2) 15A and (2) USB ports in the recessed compartment, along with (1) 15A receptacle on the underside of the box. Hardware bag includes AVIP Series Cable Kit with (8) openings. Can accept up to (5) Legrand AVIP device plates or (5) Extron® Electronics MAAP device plates (sold separately) – Aluminum



InteGreat Cable Retractors

## INTEGRATE CABLE RETRACTORS

InteGreat™ cable retractors attach easily to InteGreat A/V table boxes, or can be mounted directly to the underside of conference room tables. InteGreat cable retractors have 5' [1.52m] of retractable cable that allows users to have easy access to A/V and communication services. With a simple pull, the cable locks into place or retracts back into the table box, keeping the conference room table neat and organized.

PART NO.	DESCRIPTION
TBCRCAT6	Loaded with 12' [3.66m] of Cat6 cable that extends out 5' [1.52m] from the retractor. Retractor has a female input from building infrastructure, and a male connector on the output side.
TBCRVGA	Loaded with 12' [3.66m] of VGA cable that extends out 5' [1.52m] from the retractor. Retractor has a female input from building infrastructure, and a male connector on the output side.
TBCRHDMI	Loaded with 12' [3.66m] of HDMI cable that extends out 5' [1.52m] from the retractor. Retractor has a female input from building infrastructure, and a male connector on the output side.
TBCR3.5MM	3.5mm audio cable. Loaded with 12' [3.66m] of audio cable that extends out 5' [1.52m] from the retractor. Retractor has a female input from building infrastructure, and a male connector on the output side.
TBCRHMK	Multiple retractors can be mounted to each other by attaching the TBCRHMK mounting brackets to each other.

# INTEGREAT™ MEETING ROOM SOLUTIONS



MRTC

## INTEGREAT TRANSITION CHANNEL

InteGreat transition channel continues the cable management and protection from the underside of the table to the floor, where cables can gain access to the building infrastructure. The Transition Channel fits directly into InteGreat under table cable management on the underside of the table and mates with poke-thru devices or OFR series overfloor raceway for a smooth transition to the building infrastructure.

PART NO.	DESCRIPTION
MRTC	(1) Aluminum center spine with steel mounting plate and (4) screws, black aluminum side channels, black nonmetallic bottom boot and (2) Black nonmetallic transition covers



UTCM5

## INTEGREAT UNDER TABLE CABLE MANAGEMENT

InteGreat Under table cable management provides clean cable management for power, communication and A/V cables on the horizontal underside of the table. The simple hinge mechanism allows for easy access for future technology upgrades. InteGreat under table cable management mates with the InteGreat transition channel for a true cable management solution.

PART NO.	DESCRIPTION
UTCM5	(1) 5' [1.524mm] length of divided base, 5' [1.524mm] length of mounting hinge rail and (4) latching clips, black, nonmetallic construction

Legrand® offers a full line of enclosures which support integrated zone systems. These enclosures create an intermediate or remote consolidation point that may be tested and secured prior to adding drops for voice and data outlets. Furthermore, a remote consolidation point or zone enclosure reduces costs associated with moves, adds and changes. The enclosures also allow the user to save space in tight areas and reduce cooling requirements in potentially crowded equipment and data rooms by moving active equipment to alternative sites.

# TABLE BOXES & ZONE CABLING ENCLOSURES



deQuorum Table Box



deQuorum Flip-Up Table Box

## deQuorum™ Table Box

The deQuorum table box modules are recessed and covers can be closed during use to make the portal unobtrusive. Covers are available flush or contoured, in black or silver tone finishes. The contoured cover has an area to insert a laminate to match that of the table.

## DEQUORUM TABLE BOX

PART NO.	DESCRIPTION
KC10CM2	Cord-ended, flush black, open system, decorative recess
KC10RT8	Cord-ended, flush black, Ortronics® system
KC15RT8	Cord-ended, flush graphite, Ortronics system
KF10CM8	Field installed, flush black, open system
KF15RT2	Field installed, flush graphite, Ortronics system, decorative recess

## SINGLE FLIP-UP UNIT (BLACK FINISH COVER)

PART NO.	DESCRIPTION
DQFP20BK	Includes (1) 20A black gasketed duplex receptacle, a second opening for (1) Wiremold® CM series open system 2A module, or (1) TracJack® adapter to accommodate a wide range of communication outlets, adapters are included in hardware bag, (1) 12' [3.66m] cord
DQFP15BK	Includes (1) 15A black gasketed duplex receptacle, (1) 12' [3.66m] cord

## DEQUORUM TABLE BOX COMMUNICATIONS PLATES

PART NO.	DESCRIPTION
KA102RT	Replacement Ortronics communications plate, adapters accept the TracJack® system
KA104CM	Replacement Wiremold open system communications plates, adapters accept Wiremold CM series modules
KA700	Replacement 15A gasketed receptacle and mounting plate
KA301	Single gang opening plate
KA302	Cable cord keeper plate
KA305	Extron Mini AAP A/V adapter plate

## SINGLE FLIP-UP UNIT (STAINLESS FINISH COVER)

DFQFP20ST	Includes (1) 20A black gasketed duplex receptacle, (1) 6' [1.83m] cord
DQFP20ST	Includes (1) 15A gasketed duplex receptacle, (1) 6' [1.83m] cord

## DUAL FLIP-UP UNIT (BLACK FINISH COVER)

DQFP20BK-2A	Includes (1) 20A black gasketed duplex receptacle, a second opening for (1) Wiremold CM series open system 2A module, or (1) TracJack adapter to accommodate a wide range of communication outlets, adapters are included in hardware bag, (1) 12' [3.66m] cord
DQFP15BK-2A	Includes (1) 15A black gasketed duplex receptacle, (1) 12' [3.66m] cord

## DUAL FLIP-UP UNIT (STAINLESS FINISH COVER)

DFQFP20ST-2A	Includes (1) 20A black gasketed duplex receptacle, a second opening for (1) Wiremold CM series open system 2A module, or (1) TracJack adapter to accommodate a wide range of communication outlets, adapters are included in hardware bag, (1) 12' [3.66m] cord
DQFP15ST-2A	Includes (1) 15A black gasketed duplex receptacle, (1) 12' [3.66m] cord



# TABLE BOXES & ZONE CABLING ENCLOSURES

## TABLESOURCE TABLE BOX

TableSource™ table boxes provide flexibility in décor, datacomm connectivity options, and installation to meet specific functional and aesthetic needs.



TableSource Table Box

PART NO.	FINISH	UNIT LENGTH		15A DUPLEX	CORD LENGTH		COMM. OPENINGS
		INCHES	MM		FEET	MM	
TSAX1F0AL1U	Clear Anodized	13"	330.2mm	1	12'	3.7m	0
TSAX1F1AL1U	Clear Anodized	15-1/2"	393.7mm	1	12'	3.7m	1
TSAX1F2AL1U	Clear Anodized	18-5/32"	461.2mm	1	12'	3.7m	2
TSAM1F0AL1U	Clear Anodized	13"	330.2mm	1	12'	3.7m	0
TSAM1F1AL1U	Clear Anodized	15-1/2"	393.7mm	1	12'	3.7m	1
TSAM1F2AL1U	Clear Anodized	18-5/32"	461.2mm	1	12'	3.7m	2

## WIREMOLD® SLIM DESKTOP POWER CENTERS

The Wiremold slim desktop power center offers a sleek and easy-to-install solution that mounts directly on surfaces and minimizes cord clutter. Perfect for desks, tabletops and workstations—adding power and charging wherever it is needed.



WSPC220WH



WSPCBKTBK

PART NO.	OUTLETS	COLOR
WSPC320WH	3-Outlet with USB	White/Gray
WSPC320BK	3-Outlet with USB	Black
WSPC220WH	2-Outlet with USB	White/Gray
WSPC220BK	2-Outlet with USB	Black

PART NO.	DESCRIPTION	COLOR
WSPCBKTBK	Wiremold Slim Desktop Power Center Mounting Kit	Black
WSPCBKTBKGY	Wiremold Slim Desktop Power Center Mounting Kit	Gray

## RADIANT FURNITURE POWER CENTER

The radiant Furniture Power Center provides a sleek, modern design with the functionality of USB and traditional power in one unit.



RDZBK

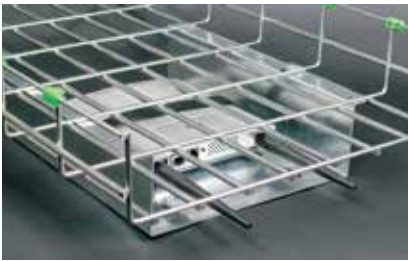
PART NO.	DESCRIPTION	OUTLETS
RDZXX	Furniture Power Basic Power Unit	2 Outlet with USB

XX is color: WH for white, BK for black, NI for nickel. Add 10 to the end of the part number for a 10ft cord.

# WIRELESS ENCLOSURES

## Wireless Access Point Enclosures and Brackets

Wireless Access Point (WAP) enclosures from Legrand® provide a secure, aesthetically pleasing means for integrating access points for wireless connectivity into a building's communications infrastructure. Enclosure options include the Vista™ architectural column for open space applications, a nonmetallic enclosure for wall mounting, a ceiling enclosure for installation in ceiling grid systems, and a mounting bracket for attaching to cable tray in overhead spaces. All wireless access point enclosures provide ample space for most leading manufacturer's access points.



WAPBRKT

## OVERHEAD WAP BRACKET

The wireless access point mounting bracket provides a secure support for mounting wireless access points in overhead applications. The bracket can be mounted directly to the basket tray or threaded rod, or to threaded rod attached to cable tray. It can be located for high visibility, convenience, and optimal Wi-Fi signal coverage.

PART NO.	DESCRIPTION
WAPBRKT	<ul style="list-style-type: none"> <li>- Versatile design works with most cable tray products</li> <li>- Support bars provided for threaded rod attachment</li> <li>- Multiple mounting options</li> <li>- Multiple openings to accommodate most access points</li> <li>- Large capacity compartment</li> <li>- Galvanized steel construction for maximum strength</li> </ul>



NME1250AP

## NONMETALLIC WAP WALL ENCLOSURE

The nonmetallic WAP enclosure provides a durable, ETL/cETL listed, wall surface mounting solution for a wireless access point. Designed to provide a permanent location for wireless connectivity hardware at an optimal location within a building's communications infrastructure.

PART NO.	DESCRIPTION
NME1250AP	<ul style="list-style-type: none"> <li>- Thermoplastic wall construction</li> <li>- Convenient termination point and raceway connectivity</li> <li>- Security lock included</li> <li>- Large capacity compartment</li> <li>- Flexible AP installation, including Cisco® Aironet 1250 Series</li> <li>- Multiple mounting options</li> <li>- ETL and cETL Listed</li> </ul>

# CEILING BOXES, CEILING & FLOOR CABLING ENCLOSURES

## EVOLUTION™ SERIES CEILING BOXES

The Evolution Series ceiling boxes are designed to go above a false or permanent ceiling structure while maintaining the aesthetics of the room. Evolution Series ceiling boxes are perfect for conference rooms, educational classrooms, training facilities, airports, or anywhere a projector and/or A/V equipment is required.



PART NO.	INSTALL TYPE		SHELF CAPACITY	RECEPTACLES	REMOVABLE SHELVES	PROJECTOR MOUNT	COVER COLORS	KNOCKOUT SIZE RANGE (TRADE SIZE)
	FALSE CEILING	HARD CEILING						
ECB2S	X	X	2RU	6	X	—	White	½" to 2"
ECB2SP	X	X	2RU	7	X	X	White	½" to 2"
ECB2S-CR	X	X	2RU	4 Controlled 2 Uncontrolled	X	—	White	½" to 2"
ECB2SP-CR	X	X	2RU	4 Controlled 3 Uncontrolled	X	X	White	½" to 2"
ECB2S-RLNK	X	X	2RU	4 Controlled 2 Uncontrolled	X	—	White	½" to 2"
EXB2SP-RLNK	X	X	2RU	4 Controlled 3 Uncontrolled	X	X	White	½" to 2"

## ZONE CABLING ENCLOSURES

Legrand® offers a full line of enclosures that support integrated zone systems. These enclosures create an intermediate or remote consolidation point that may be tested and secured prior to adding drops for voice and data outlets.



## CZE SERIES ZONE CABLING CEILING ENCLOSURES

CZE Series ceiling zone cabling enclosures create a intermediate or remote consolidation point in a ceiling.

PART NO.	DESCRIPTION	SIZE	DEPTH	CONTENTS
CZE-242412A	Enclosure for Active Equipment	2' x 2'	12"	One removable 7 RMU bracket for 19" patch panels and equipment. Includes junction box and fan.
CZE-242412PP	Enclosure for Patch Panels	2' x 2'	12"	One bracket for 19" patch panels. Bracket supports 5 RMU.
CZE-242412WB	Enclosure with Wiring Blocks	2' x 2'	12"	One removable mounting plate for two 300 pair 1100 style termination blocks (without legs).
CZE-LOCKKIT	Key Lock Kit for CZE Enclosures	—	—	Contains 2 locks and keys. Replaces standard turn lock knobs.

## RFE SERIES ZONE CABLING RAISED FLOOR ENCLOSURES

RFE Series ceiling zone cabling enclosures create a consolidation point in a raised floor.



PART NO.	DESCRIPTION	SIZE	DEPTH	CONTENTS
RFE-25256	Enclosure for 6" Deep Floor	2' x 2'	6"	Two pairs of 2 RMU pivoting mounting rails for 19" patch panels.
RFE-25257RB	Enclosure for 8" Deep Floor	2' x 2'	7"	Two pairs of 4 RMU pivoting mounting rails for 19" patch panels.
RFE-242412	Enclosure for 14" Deep Floor	2' x 2'	12"	A single mounting rail for 19" patch panels. Rail supports 11 RMU.

# FLOOR BOXES & RAISED FLOOR SOLUTIONS

## Poke-Thru Devices

Evolution Series large capacity, recessed poke-thru devices and the surface, flush, and furniture feed style poke-thru devices are excellent solutions for bringing both power and communication services to the workstation in an open space, above-grade floor environment. Each device provides an excellent solution for both new or retrofit construction, with typical applications including office buildings, airports, malls, shopping centers, libraries, and schools. Devices provide TopGuard™ protection.



Evolution Series



RC4 Series



6ATCFF Series



4FFATC Series

## EVOLUTION™ SERIES RECESSED POKE-THRU DEVICE

Large capacity for power, voice, data, or A/V communications. All metal, die-cast aluminum cover. 4ATC Series has 2-gang capacity and requires a 4" core hole. 6ATC Series has 3-gangs capacity and requires 6" core hole. 8ATC Series has 5-gang capacity and requires 8" core hole.

PART NO.	DESCRIPTION
XATC2PYY	Poke-Thru Assembly with Cover

X is size: "4" for 4in, "6" for 6in, or "8" for 8in

YY is color: "SB" for satin brass, "BK" for black, "BZ" for bronze, "GY" for gray, "SN" for satin nickel

## SURFACE POKE-THRU DEVICE

Unit includes four prewired 20A receptacles. Each duplex receptacle can be wired as standard duplex or isolated ground. Unit also includes TracJack® mounting bezels, four blank TracJack inserts for closing off unused communication openings.

PART NO.	DESCRIPTION
RC4ATCYY	Poke-Thru Assembly with Flange

YY is flange color: "SB" for satin brass, "BK" for black, "GY" for gray, "AL" for aluminum

## EVOLUTION FURNITURE FEED POKE-THRU DEVICES

Complete with one 3/4" trade size opening for power and a 2"/1-1/4" concentric opening for communications.

PART NO.	DESCRIPTION
6ATCFFYY	Poke-Thru Assembly with Flange

YY is color: "SB" for satin brass, "BK" for black, "BZ" for bronze, "GY" for gray, "SN" for satin nickel

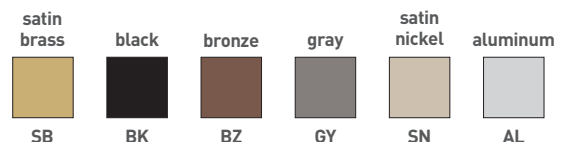
## DUAL SERVICE FURNITURE FEED POKE-THRU DEVICE

Complete with one 3/4" opening for power and one 1-1/4" opening for communications.

PART NO.	DESCRIPTION
4FFATCYY	Poke-thru assembly with flange

YY is flange color: "SB" for satin brass, "BK" for black, "GY" for gray, "AL" for aluminum

## COLOR OPTIONS



# FLOOR BOXES & RAISED FLOOR SOLUTIONS

## Recessed Floor Boxes

Legrand® floor boxes offer unsurpassed flexibility and a wide range of configurations, thanks to independent wiring compartments and feed-through wiring capability. Floor boxes offer versatile activation solutions ideal for areas with different needs at different times. The Evolution Series and the Resource RFB® Series provide independent wiring compartments for power, communications and audio/video services to open space areas or directly to workstations. Features TopGuard™ protection that exceeds 2003 UL scrub water standards.



EFB6S



EFB8S



EFB10S

## EVOLUTION™ SERIES FLOOR BOXES

The Evolution Series floor boxes have been designed to be installed in concrete floors, raised floors, and wood floor applications. Boxes have a fully finished interior to assist plugging and unplugging of devices. Designed to work with standard size wall plates, boxes come complete with all components needed for initial installation.

PART NO.	GANGS	DIMENSIONS
EFB45S	4 or 5-Gang	12-1/8" x 8-7/16" x 5-7/8"
EFB6S	6-Gang	15-1/8" x 11-3/16" x 4-1/16"
EFB8S	8-Gang	15-1/8" x 11-3/16" x 6"
EFB10S	10-Gang	15-1/8" x 11-3/16" x 6"

## FLOOR BOX COVERS



EFB610CTC

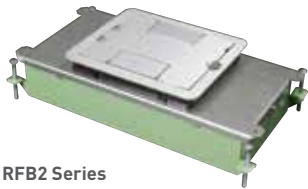


EFB610BTC

PART NO.	GANGS DIMENSIONS
EFB45CTC	Die Cast Aluminum Cover Assembly. For use on Evolution Series 4 and 5-Gang Floor Boxes.
EFB45BTC	
EFB610CTC	Die Cast Aluminum Cover Assembly. For use on Evolution Series 6, 8 and 10-Gang Floor Boxes.
EFB610BTC	

NOTE: Available in black, gray, satin brass, satin nickel, and bronze.

# FLOOR BOXES & RAISED FLOOR SOLUTIONS



RFB2 Series

## RFB2 SERIES MULTISERVICE RECESSED FLOOR BOXES

Two-compartment, combination floor box available in steel, shallow, and on-grade versions. Fully adjustable with tunnel compartment. Supplied with one duplex receptacle, mounting plate, and one communication mounting plate.

PART NO.	DESCRIPTION
RFB2	Steel, 13-1/8"L x 6-1/2"W x 3-7/16"D
RFB2-OG	On-Grade, 13-1/8"L x 6-1/2"W x 3-7/16"D
RFB2-SS	Shallow Steel, 13-1/8"L x 6-1/2"W x 2-5/8"D

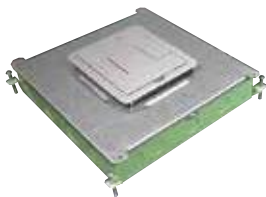


RFB4 Series

## RFB4 SERIES MULTISERVICE RECESSED FLOOR BOXES

Four-compartment, combination floor box available in steel, cast iron and steel shallow depth versions. Each is fully adjustable with a tunnel compartment and two receptacle brackets.

PART NO.	DESCRIPTION
RFB4	Steel, 12-3/4"L x 10"W x 3-7/16"D
RFB4-CI-1	Cast Iron, 14-1/2"L x 11-7/8"W x 3-7/16"D
RFB4-SS	Shallow Steel, 13-5/8"L x 10"W x 2-7/16"D

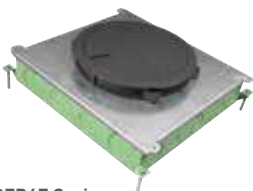


RFB6 Series

## RFB6 SERIES MULTISERVICE RECESSED FLOOR BOXES

Six-compartment, multiservice combination floor box in steel and on-grade versions. Supplied with two duplex receptacles mounting plates, two communication plates, and two blank plates.

PART NO.	DESCRIPTION
RFB6	Steel
RFB6-OG	On-Grade



RFB6E Series

## RFB6E SERIES MULTISERVICE RECESSED FLOOR BOXES WITH THE EVOLUTION COVER

Six-compartment, multiservice combination floor box in steel and on-grade versions. Supplied with two duplex receptacle mounting plates.

PART NO.	DESCRIPTION
RFB6E	Steel
RFB6E-OG	On-Grade

# FLOOR BOXES & RAISED FLOOR SOLUTIONS



RFB11 Series

## RFB9 AND RFB11 LARGE CAPACITY A/V RECESSED FLOOR BOXES

Provides power, communications, and the special space requirements of audio/visual type connectors to above grade floors and on-grade floor applications, in open space areas, or directly to the workstation. Adjustable before concrete pour. Provided with mudcap to prevent entry of concrete during pour.

PART NO.	DESCRIPTION
RFB9	9-Gang Box, 14-5/16"L x 12-1/8"W x 4-1/8"D
RFB9-OG	9-Gang on-Grade Box, 14-5/16"L x 12-1/8"W x 4 1/8"D
RFB11	11-Gang Box, 14-5/16"L x 12-1/8"W x 6-1/8"D
RFB11-OG	11-Gang on-Grade Box, 14-5/16"L x 12-1/8"W x 6-1/8"D
RFB119CTC*	Carpet Cover Assembly Includes Carpet Cutout Area
RFB119BTC*	Flush Assembly

NOTE: \*Add "AL" for die-cast aluminum with brushed aluminum finish, "BK" for die-cast aluminum with painted black finish, or "GY" for die-cast aluminum assembly with gray finish.



AF Series

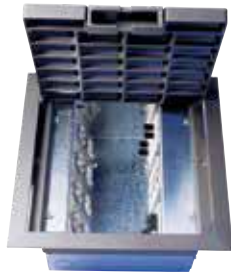
## AF SERIES RAISED FLOOR BOXES

Available in three (AF1) or four (AF3) compartment models that accommodate a combination of both power and communication devices. This combination is accomplished with the built-in service dividers. These dividers are arranged in a single-double, single-gang configuration. Die-cast aluminum housing provides added strength and reliability. Polycarbonate hinged lid and trim flange are available for carpet or tile applications, as well as a color choice of black, brown, or gray.

PART NO.	DESCRIPTION
AF1-KC	(3) Compartments, Black Carpet Cover, 8" x 6" x 5"
AF1-KT	(3) Compartments, Black tile cover, 8" x 6" x 5"
AF1-NC	(3) Compartments, Brown Carpet Cover, 8" x 6" x 5"
AF1-NT	(3) Compartments, Black Tile Cover, 8" x 6" x 5"
AF1-YC	(3) Compartments, Gray Carpet Cover, 8" x 6" x 5"
AF1-YT	(3) Compartments, Gray Tile Cover, 8" x 6" x 5"
AF3-KC	(4) Compartments, Black Tile Cover, 8" x 10" x 5"
AF3-KT	(4) Compartments, Black Tile Cover, 8" x 10" x 5"
AF3-NC	(4) Compartments, Brown Carpet Cover, 8" x 10" x 5"
AF3-NT	(4) Compartments, Black Tile Cover, 8" x 10" x 5"
AF3-YC	(4) Compartments, Gray Carpet Cover, 8" x 10" x 5"
AF3-YT	(4) Compartments, Gray Tile Cover, 8" x 10" x 5"

NOTE: A full selection of single- and double-gang panel device plates for the AF1 and AF3 floor boxes is available. Visit [www.legrand.us/wiremold](http://www.legrand.us/wiremold).

# FLOOR BOXES & RAISED FLOOR SOLUTIONS



AC Series

## AC SERIES RAISED FLOOR BOXES

The AC Series raised floor boxes provide mounting for power receptacles on one side. Power plate with duplex knockouts are included with box. The communication plate will accept communication bezels that may be activated. Lids can be rotated 180° for easy orientation and are die-cast zinc construction.

PART NO.	POWER RECEPTACLE CAPACITY	COMMUNICATION PORT CAPACITY	DIMENSIONS
AC8840	2 – Duplex	12	8" x 8" x 4" Box
AC8850	4 – Duplex	18	8" x 8" x 5" Box
AC8104	2 – Duplex	12	8" x 10" x 4" Box
AC8105	4 – Duplex	18	8" x 10" x 5" Box
AC10105-2	5 – Duplex	27	10" x 10" x 5" Box

NOTE: A full selection of power and communication plates is available for the AC floor boxes.



FPBTGY

## FLOORPORT SERIES FLANGED COVER ASSEMBLIES

These flanged cover assemblies are for use in tile or carpet installation. An insert in lid allows for carpet or tile cutouts to match finished floor.

PART NO.	DESCRIPTION
FPCTCY	Cutout Cover Assembly
FPBTCY	Blank Cover Assembly
FPFPTY	Furniture Feed Cover Assembly

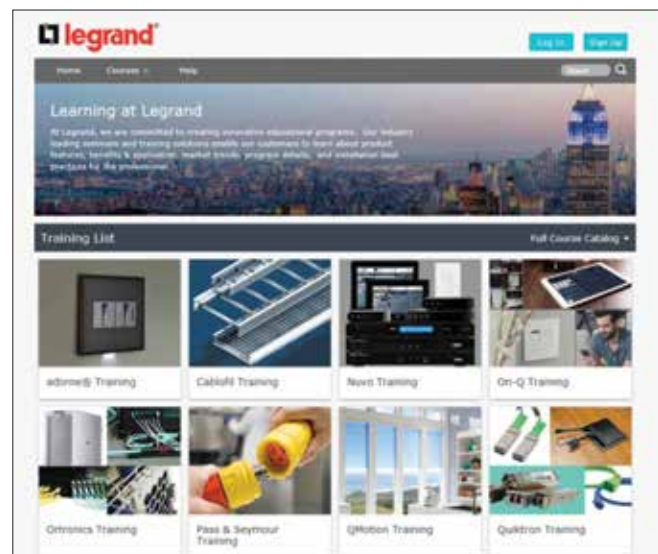
YY is color: "SB" for satin brass, "BK" for black, "BZ" for bronze, "GY" for gray, "SN" for satin nickel, "AL" for aluminum

# Legrand University

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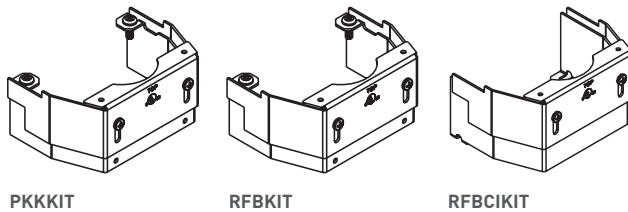


# FLOOR BOXES & RAISED FLOOR SOLUTIONS

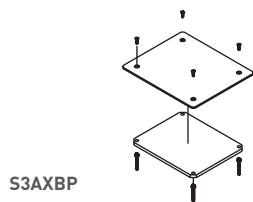
## Floorport™ Series Accessories Ordering Information

### BARRIER KIT

Barrier kit used to separate power and communication wires in partition feed covers. Supplied with base and three extensions to adjust to cover height. Kits are sold separately.

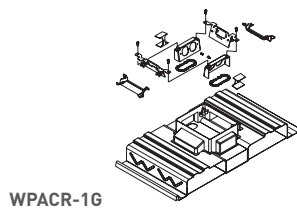


PART NO.	DESCRIPTION
PKKKIT	Use with PK presets (Walkercell, Walkerdeck)
RFBKIT	Use with RFB2, RFB2-OG, RFB4, and RFB4-SS Floor Boxes
RFBCKIT	Use with RFB4-CI Floor Boxes



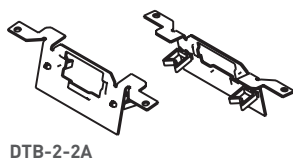
### BLANKING PLATE

PART NO.	DESCRIPTION
S3AXBP	Aluminum top plate with steel support plate and (4) adjusting screws



### INTERNAL BRACKET

PART NO.	DESCRIPTION
WPACR-1G	(2) duplex receptacle brackets, receptacle insulators, power grommets, and bend radius control grommets. Communication brackets ordered separately.



### COMMUNICATION BRACKET

PART NO.	DESCRIPTION
DTB-2-2A	Plastic clips on back of bracket provide cable storage loop. For use with WPACR. Activate 2A jacks snap directly into bracket.

# FIRE STOP FITTINGS

The FS Series thru-wall and thru-floor fittings have been redesigned to provide firestopping solutions for both new and retrofit applications. FlameStopper fittings provide installers with a variety of UL Classified, ready-to-use options for transitioning cables through firewalls and floors to ensure that the integrity of the fire rating is maintained.



FS4R-RED



2" and 4" models with EMT conduit

## Installation Directions for New Construction



STEP 1

Determine location and cut hole in wall using hole saw, keyhole saw or a core drill.



STEP 2

Insert the appropriate length of conduit into the opening.



STEP 3

Place the FlameStopper Thru-Wall fitting box over the opening and secure the two bolts.

## FLAMESTOPPER™ FITTINGS

Fittings are shipped in pairs and designed for use on both sides of a wall/floor fitted with 2" or 4" trade size EMT conduit. Available in red or G90 galvanized finish. A heat shield and retrofit kit is available for use in existing installations in walls. FlameStopper fittings have been tested by Underwriters Laboratories Inc. to ASTM E814 UL1479, Fire Tests of Through-Penetration Firestops. The Flamestopper thru-wall fittings offer a passive fire and life safety system with ratings up to four hours (with or without cables installed) to complement existing sprinkler systems, and up to three hours for fire rated floors.

PART NO.	DESCRIPTION
FS4R-RED	Fire stop 4" trade EMT conduit fitting - Red
FS4R-GA	Fire stop 4" trade EMT conduit fitting - Galvanized
FS2R-RED	Fire stop 2" trade EMT conduit fitting - Red
FS2R-GA	Fire stop 2" trade EMT conduit fitting - Galvanized
FSPCC4758	Precut conduit 4" trade size EMT, 7-5/8"L
FSPCC2758	Precut conduit 2" trade size EMT, 7-5/8"L
SPMGL	Grounding lug, for use with cable trays
WBSBC	Split bolt connector, for use with wire tray
FS4RHS	Heat shield 4" trade size conduit, used only when an existing installed conduit extends 1" to 6" beyond surface
FS2RHS	Heat shield 2" trade size conduit, used only when an existing installed conduit extends 1" to 6" beyond surface
FS4RWP12	Retrofit kit for existing installations - 4"
FS2RWP8	Retrofit kit for existing installations - 2"

# VERTICAL SOLUTIONS

The Vista CP™ consolidation point columns provide channels that conceal wires and cables behind a decorative center panel and incorporate a user-installed patch panel with easy, secured access through a lockable door. They can be placed anywhere in an open space—providing maximum communication flexibility and unique design elements. These modular columns are easily relocated to accommodate changing space requirements.



89D Style Patch Panel

## RACK MOUNT PIOC UNITS

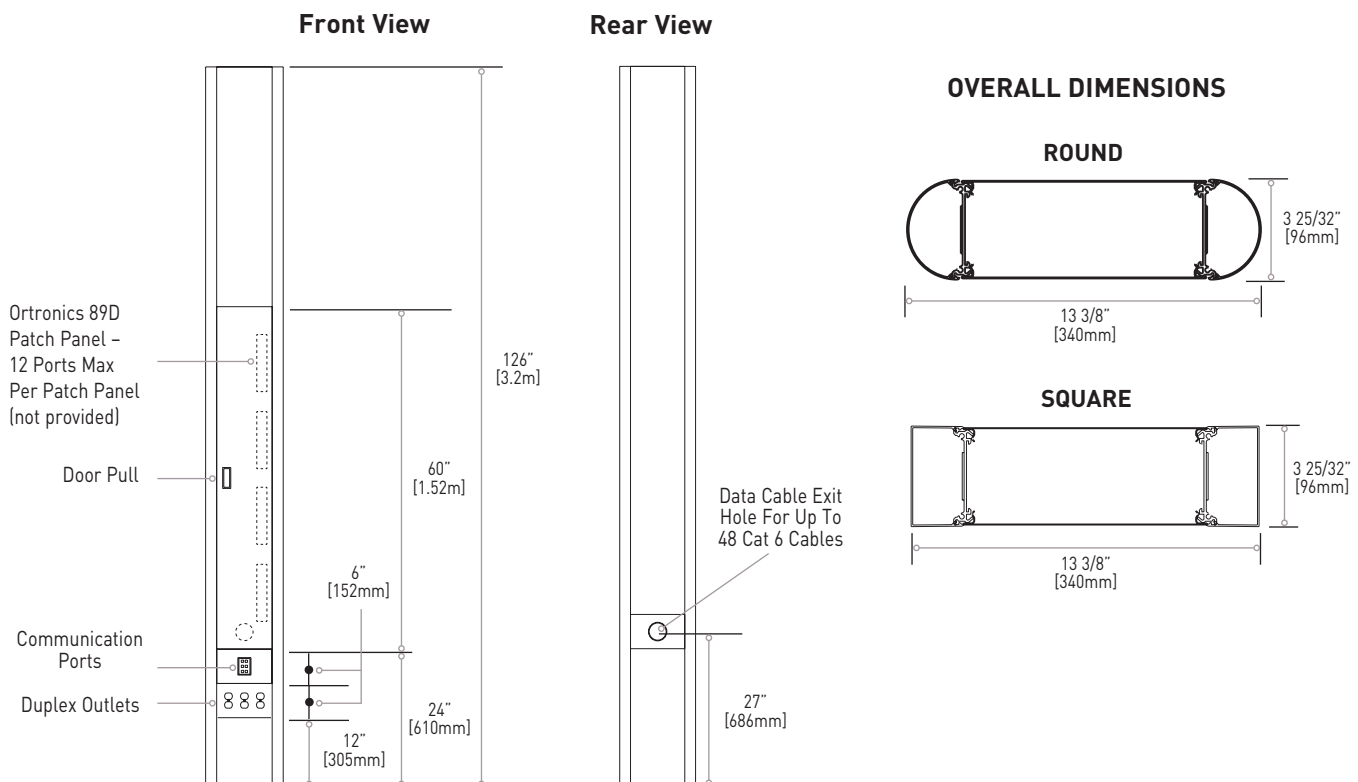
### Vista Column Options\*

PART NO.	DESCRIPTION
VL662345	Large anodized aluminum frame with round end channels, TracJack® adapters in gray, accommodates a 10' ceiling
VEL66234524	Extension for the column to accommodate up to 12' ceilings, includes anodized aluminum center panel

\*NOTE: Many other options are available.

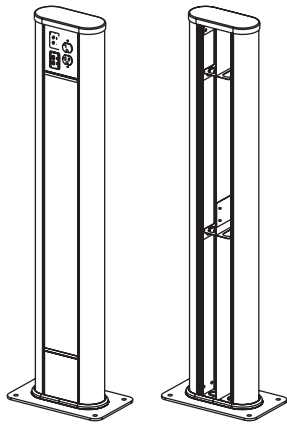
Visit [www.legrand.us/tools-resources/wiremold](http://www.legrand.us/tools-resources/wiremold) and check on the Vista configurator to design your own solution.

## System Layout



# VERTICAL SOLUTIONS

Vista™ Point5 columns provide unobtrusive access to power, communications, and A/V services unopened spaces and conferencing areas. Customized Point5 columns can be customized as a conference table leg, or can even be mounted from the ceiling to provide services for environments with relocatable furniture, such as laboratories.

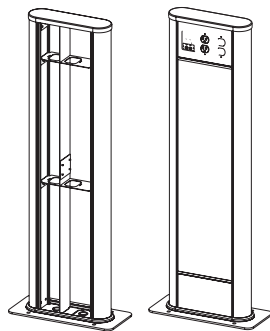


VSP5662345

## SMALL POINT5 COLUMN

Small Point5 column, round end channels, 36" (914mm) high, anodized aluminum, adapters for TracJack® devices. Two 20A duplex receptacles located 32-1/4" (819mm) above floor.

PART NO.	DESCRIPTION
VSP5662345	Small profile in-stock Point5 Column – small profile 36" [914mm] high column. Anodized aluminum frame with round end channels. Includes (4) adapters for Activate inserts, CM series open system communication modules, or TracJack devices. Includes (2) 20A duplex receptacles located 32-1/2" [819mm] above floor.



VLP5662345

## LARGE POINT5 COLUMN

Large Point5 column, round end channels, 36" (914mm) high, anodized aluminum, adapters for TracJack devices, four 20A duplex receptacles located 32-1/4" (819mm) above floor.

PART NO.	DESCRIPTION
VLP5662345	Large profile in-stock Point5 column – large profile 36" [914mm] high column. Anodized aluminum frame with round end channels. Includes two adapters for Activate inserts, CM series open system communication modules, or TracJack devices. Includes four 20A duplex receptacles located 32-1/2" [819mm] above floor.

# VERTICAL SOLUTIONS

Dropping power and communications—neatly and simply—from up there to down here; that’s what Legrand® Tele-Power® poles are all about. Their sole purpose is to get the business end of your power, data, A/V and communication needs down to your office equipment, phones, PCs, and task lighting, specifically in away-from-wall locations in open commercial office areas, schools, labs, stores and other sites. Whatever kind of power or communications wiring you need to bring down to the desk side, workstations, or cash registers—Legrand Tele-Power poles handle all your needs effortlessly.

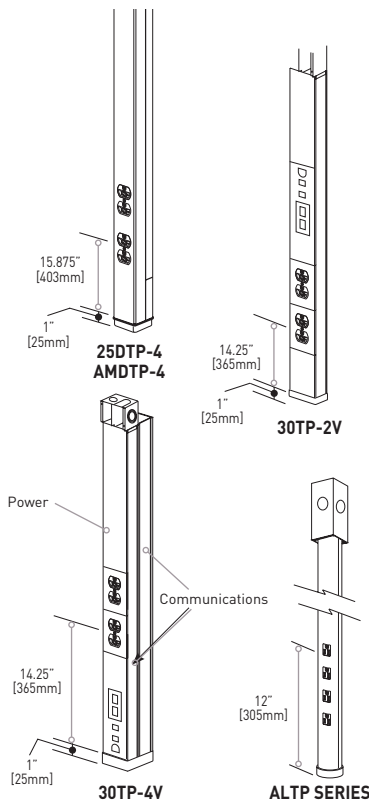
## Tele-Power Poles

Tele-Power poles are available in a wide selection of materials, wire fill capacities, heights, and devices and include all components required for a complete stationary installation. Dual-channel accommodates electrical power circuits plus receptacles and low voltage cabling.



Tele-Power Poles

## Receptacle Heights



## Steel

PART NO.	OUTLETS	HEIGHT	FINISH	CAPACITY			
				THHN/THWN		UTP	
25DTP-4	(2) Duplex Receptacles (20A, 125V)	10'5" [3.175m]	Ivory	#10	#12	CAT 5	CAT 6
30TP-2V				10	15	10	9
30TP-4				9	14	16	13
				18	18	19	15

## Aluminum

PART NO.	OUTLETS	HEIGHT	FINISH	CAPACITY			
				THHN/THWN		UTP	
AMDTP-4	Two Duplex Receptacles (20A, 125V)	10'5" [3.175m]	Anodized Aluminum	#10	#12	CAT 5	CAT 6
				10	15	10	8
ALTP-2S	Four Single Receptacles	10'4" [3.150m]	Satin Anodized	10	15	10	8
				-	-	2	2

## Communication Vertical Drop

PART NO.	HEIGHT	FINISH
25DTC-4	10'5" [3.175m]	Ivory Steel
AMTC-4	10'4" [3.150m]	Anodized Aluminum
ALTC-2S	10'5" [3.175m]	Satin Anodized

NOTE: Many other models and configurations are available. Visit [www.legrand.us/wiremold](http://www.legrand.us/wiremold)

# VERTICAL SOLUTIONS

Designed off of the industry standard 25DTP Series pole, Tele-Power® extenders can snap together to create a ten foot pole or extend the length of existing poles.

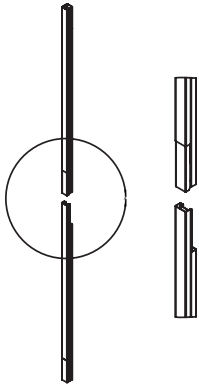


25DTP-E10

## TELE-POWER EXPRESS POLE

Two sections of two-compartment power and communications pole are assembled to make one complete pole.

PART NO.	DESCRIPTION
25DTP-E10	(2) sections of a two-compartment (power and communication) pole [5'-4" [1.626m] base + 5' [1.524m] extender] assembles to form a 10'-4" [3.148m] pole. Nominal material thickness .040" [1.0mm]. Ivory boot base. Factory wired with fed-spec general grade 20A 125V duplex style receptacles. An 8" [203mm] cover at top front (power side) of pole is removable for making power wiring connections. KOs provided in removable cover for RJ11/RJ45 and modular furniture communication connectors. Mounting hardware, entrance end plate and (2) ceiling trim plates furnished.

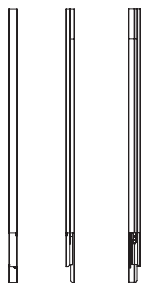


25DTC-E10

## BLANK STEEL TELE-POWER EXPRESS POLE

Two sections of the 25DTC style pole; a 5' 4" (1.626mm) base + 5' (1.524mm) extender assembles to form a 10' 4" pole.

PART NO.	DESCRIPTION
25DTC-E5	(2) Compartment extender mounts onto existing 25DTP or 25DTC series pole. Nominal material thickness .040" [1.0mm]. Furnished unwired without outlets. Use existing pole mounting hardware, entrance end plate and ceiling trim plate. Available in 5' [1.524m] length. Can be cut to desired length.



25DTC-E5

## BLANK STEEL TELE-POWER POLE EXTENDER

Two compartment extender, mounts onto an existing 25DTP or 25DTC Series Tele-Power pole for on site modification of the pole.

PART NO.	DESCRIPTION
25DTC-E5	(2) compartment extender mounts onto existing 25DTP or 25DTC series pole. Nominal material thickness .040" [1.0mm]. Furnished unwired without outlets. Use existing pole mounting hardware, entrance end plate and ceiling trim plate. Available in 5' [1.524m] length. Can be cut to desired length.

Insight<sup>®</sup> 



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# FIBER OPTIC SYSTEMS & SOLUTIONS

Legrand offers complete fiber optic solutions that are designed to deliver the most advanced network performance, with a variety of density and connector options for maximum compatibility. Our modular systems and products are engineered with installation efficiency and performance in mind—providing the flexibility to design and efficiently install in any application environment.





# FIBER OPTIC SYSTEM APPLICATIONS

Providing the flexibility to design and efficiently install in any **building network**, **campus network**, or **data center** application, build a complete fiber optic solution with our offering—including enclosures, cassettes, adapter panels, patch cords & cable assemblies, trunks, and connectors..



## Building Network

Commonly referred to as a Local Area Network (LAN) or Edge network, these applications connect computers, servers, switches, and other devices in a single building.



## Campus Network

Similar to a building network application, these applications connect computers, servers, switches, and other devices between multiple buildings in relatively small geographic area.



## Data Center

Commonly referred to as an Enterprise, Colocation, Edge, Hyperscale, or Storage Area Network (SAN), these applications connect a group of servers and storage devices.

**Legrand offers a broad range of fiber enclosure systems**, from Infinium systems for the most demanding applications, to Q-Series systems that make the most of an IT budget. Along with greater density support, Legrand fiber enclosure systems deliver the usual benefits—simple installation, easy administration, and high performance. As networks evolve to support higher bandwidths and new architectures, Legrand helps maximize enclosure investment by designing our enclosure systems to allow for simple swaps of components while utilizing the same enclosure.

# CONSIDERATIONS & COMMON APPLICATIONS

When selecting the enclosure that will best fit the application , many variables must be taken into consideration.

**Patching:** Higher densities within the enclosure require advanced planning and can lead to more difficult moves, adds, and changes in the future.

**Cable Management:** Protecting fibers is of the utmost importance, and the cable management features of the enclosure help determine how the enclosure will fit in the environment.

**Migration and Flexibility:** The current and future port count requirements, network architecture, potential moves, adds and changes, and how the enclosure will evolve to meet those needs all influence the decision of which enclosure is a best fit.

**Labeling:** Port identification is critical to managing the network, making the location and accessibility of the enclosure’s label card a key factor when deciding on the best enclosure.

In addition to these considerations, the density of the enclosure also determines which enclosure is the right fit for the application. Legrand offers fiber optic enclosures in Ultra-High, High, and Standard density configurations to fit the needs of the application.

## Density Comparison:

DENSITY	PER RACK UNIT (RU)	COMMON APPLICATION
Ultra-High Density (UHD)	M7 - 12 cassettes or adapter panels 144 LC connectors 576 fibers (12F MPO) 1,152 fibers (24F MPO)	Data Center
High Density (HD)	M4 - 4 cassettes or adapter panels M8 - 12 cassettes or adapter panels 96 LC connectors 384 fibers (12F MPO) 768 fibers (24F MPO)	Building Network Campus Network Data Center
Standard Density (SD)	M2 - 3 cassettes or adapter panels 72 LC connectors 288 fibers (12F MPO) 576 fibers (24F MPO)	Building Network



INFC02U-M4 - 2U Infinium HD Enclosure with M4 Drawer Face

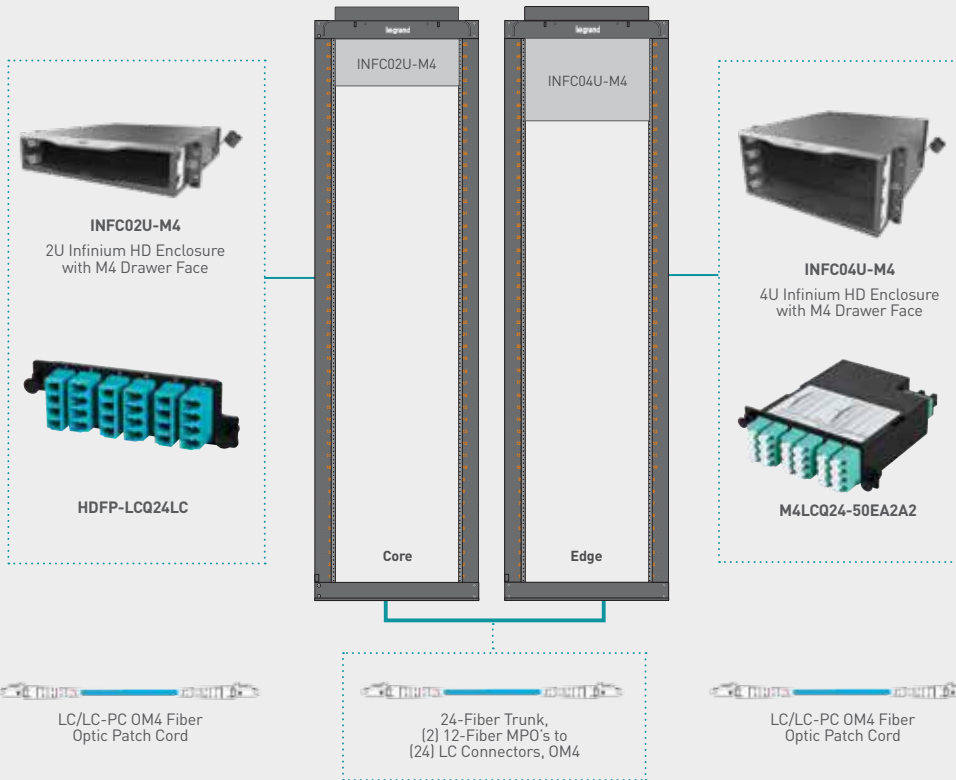


UC02UB - 2U Infinium Ultra-High Density (UHD) Fiber Enclosure



EQ02U-CHC - 2U Q-Series Standard Density (SD) Fiber Enclosure

## Fiber Optic Solutions Diagram — Infinium™ Enclosure with M4 Cassettes and HDFP Adapter Panels



*Connecting Your World*



# SELECTING A SYSTEM

## 1. Application

Select the right system by considering the needs of the application including current and future port count and network architecture.

## 2. Key Features

Select the right system by considering the features that influence installation, working within, and working around the enclosure.

## 3. Density

Select the right density for the system by determining current and future port count, moves, adds and changes, and network architecture.

## 4. Fiber & Connector Type

Select the right connectivity for the system by considering density, bandwidth, performance requirements and the latest expanding technologies, then determine polarity to be implemented.



## 5. Adapter Panels or Cassettes

Select adapters or cassettes based on connector type, fiber count and performance requirements as defined by the networking equipment, loss budget, performance and density.

### TYPICAL APPLICATIONS

### KEY FEATURES

MAX # OF FIBERS PER RU (SC)

MAX # OF FIBERS PER RU (LC)

MAX # OF FIBERS PER RU (12F MPO)

MAX # OF FIBERS PER RU (24F MPO)

CASSETTES/ADAPTER PANELS PER RU

DRAWER FACES & CABLE MGT TRAY

BASE 12 SUPPORT

BASE 8 SUPPORT

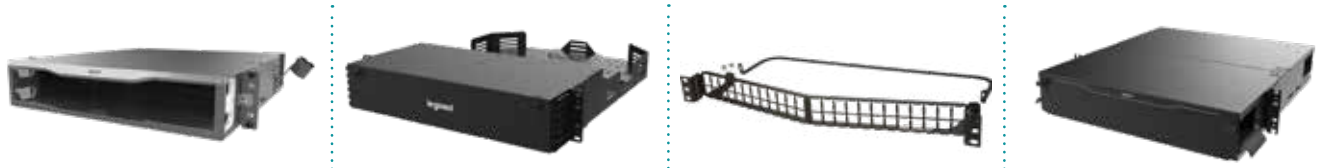
SPLICING CAPABILITY

COLOR OPTIONS

CONTRIBUTES TO LEED CREDIT

ADAPTER PANELS

CASSETTES



Infinium High Density	Infinium Ultra-High Density	Modular Panels High and Standard Density	Q-Series Standard Density
Building Network Campus Network Data Center	Data Center	Building Network Data Center	Building Network
<ul style="list-style-type: none"> <li>Single-person install and tool-less adjustments</li> <li>Internal LED lights and white tray for visibility</li> <li>Easy migration between Base 12 and Base 8</li> <li>Innovative Cable Management</li> </ul>	<ul style="list-style-type: none"> <li>Highest density in the industry</li> <li>Available with or without rear cable management tray</li> </ul>	<ul style="list-style-type: none"> <li>Flat and angled configurations</li> <li>Supports mixed-media applications</li> </ul>	<ul style="list-style-type: none"> <li>Front doors, rear doors and removable top panels</li> <li>Rear knockouts for horizontal cabling entrances</li> </ul>
48	--	48	36
96	144	48	72
384	576	288	216
768	1,152	576	432
M4 (4) M8 (12)	12	8	3
Sliding	Sliding	Fixed	Fixed
✓	✓	✓	✓
✓	✓	✓	--
✓	✓	--	✓
Magnesium	Black or White	Black or White	Black
✓	✓	✓	✓
HDFP/HD8FP	UHD7FP	HDFM/HD6FM	OFF
M4/M8	M7	HDCA	M2

# INFINIUM™ HD ENCLOSURE SYSTEM

## M4 Drawer Face

The Infinium High Density (HD) enclosures, a 2018 Cabling Installation & Maintenance Innovators Awards Silver Honoree, are the perfect solution for fiber networks in data centers and building networks. The high-density footprint accommodates up to 96 LC fibers in a 1U rack space. These enclosures have many innovative features designed with installers, contractors, and network professionals in mind—providing a simplified process when installing or working within the enclosures.

This enclosure features an M4 (Base 12) drawer face, accepting Legrand’s HDFP adapter panels, M4 cassettes, and M4 splice cassettes. The drawer face can be removed and replaced with a M8 (Base 8) drawer face for network upgrades or migrations after being installed within a rack.

### Features:

- Single-person install and tool-less adjustments
- Internal LED lights and white tray for visibility
- Easy migration between Base 12 and Base 8
- Innovative Cable Management
- Max # of fibers per RU (SC) - **48** (LC) - **96**
- Max # of fibers per RU (12F MPO) - **384**
- Max # of fibers per RU (24F MPO) - **768**
- Cassettes/Adapter panels per RU - **4**



INFC02U-M4



HDFP-MPA72LA-12



M4LCQ24-50EA2A2



M4LCQ24-09R1A1

### Infinium HD Enclosure - M4:

PART NO.	DESCRIPTION
INFC01U-M4	1U Infinium High Density (HD) Fiber Enclosure - M4 Drawer Face
INFC02U-M4	2U Infinium High Density (HD) Fiber Enclosure - M4 Drawer Face
INFC04U-M4	4U Infinium High Density (HD) Fiber Enclosure - M4 Drawer Face

## HDFP Adapter Panels:

PART NO.	CONNECTOR STYLE	FIBER TYPE	FIBER COUNT	COLOR
HDFP-LCD12AC	LC DUPLEX	Single-Mode (OS2)	12	Blue
HDFP-LCD12LC	LC DUPLEX	Multimode (OM4)	12	Aqua
HDFP-SCD12AC	SC DUPLEX	Single-Mode (OS2)	12	Blue
HDFP-SCD12LC	SC DUPLEX	Multimode (OM4)	12	Aqua
HDFP-LCQ24AC	LC QUAD	Single-Mode (OS2)	24	Blue
HDFP-LCQ24LC	LC QUAD	Multimode (OM4)	24	Aqua
HDFP-MPA96LA	MPO	Multimode (OM4)	96	Aqua

Note: Additional options available

## M4 Cassettes:

PART NO.	CONNECTOR STYLE	FIBER TYPE	FIBER COUNT	TIER LEVEL	INSERTION LOSS (MAX)	RETURN LOSS (MIN)	POLARITY
M4LCD08-09E1G1	LC - MPO (F)	OS2	8	Tier 1	1.05dB	52dB	Universal (Non-Flipped)
M4LCD08-50EE3G1	LC - MPO (F)	OM4	8	Tier 3	0.50dB	19dB	Universal (Non-Flipped)
M4LCD12-50E	LC - MPO (M)	OM4	12	Tier 2	.75dB	19dB	Method A
M4LCQ16-09E1G1	LC - MPO (F)	OS2	16	Tier 1	1.05dB	52dB	Universal (Non-Flipped)
M4LCQ16-50EE1G1	LC - MPO (F)	OM4	16	Tier 1	1.25dB	19dB	Universal (Non-Flipped)
M4LCQ24-09A1A2	LC - MPO (M)	OS2	24	Tier 1	1.05dB	52dB	Method A (Standard)
M4LCQ24-50EA2A2	LC - MPO (M)	OM4	24	Tier 2	.75dB	19dB	Method A (Standard)
M4LCQ24-09C1A1	LC - MPO (M)	OS2	24	Tier 1	1.05dB	52dB	Method B (Near End)
M4LCQ24-09C1B1	LC - MPO (M)	OS2	24	Tier 1	1.05dB	52dB	Method B (Far End)
M4LCQ24-50EC1A1	LC - MPO (M)	OM4	24	Tier 1	1.25dB	19dB	Method B (Near End)
M4LCQ24-50EC1B1	LC - MPO (M)	OM4	24	Tier 1	1.25dB	19dB	Method B (Far End)

Note: Single-Mode = (OS2) & Multimode = (OM4), additional options available

## M4 Splice Cassettes:

PART NO.	CONNECTOR STYLE	FIBER TYPE	FIBER COUNT	TIER LEVEL	INSERTION LOSS (MAX)	RETURN LOSS (MIN)	SPLICE TYPE
M4LCD12-09S1A1	LC	OS2	12	Tier 1	0.30dB	55dB	Single Fiber
M4LAD12-09S1A1	LC APC	OS2	12	Tier 1	0.40dB	65dB	Single Fiber
M4LCD12-50ES2A1	LC	OM4	12	Tier 2	0.25dB	26dB	Single Fiber
M4LCD12-50ES3A1	LC	OM4	12	Tier 3	0.15dB	26dB	Single Fiber
M4SCD12-09S1A1	SC	OS2	12	Tier 1	0.30dB	55dB	Single Fiber
M4LCQ24-09R1A1	LC	OS2	24	Tier 1	0.30dB	55dB	Ribbon Fiber
M4LAQ24-09R1A1	LC APC	OS2	24	Tier 1	0.40dB	65dB	Ribbon Fiber
M4LCQ24-50ER2A1	LC	OM4	24	Tier 2	0.25dB	26dB	Ribbon Fiber

Note: Single-Mode = (OS2) & Multimode = (OM4)

For complete product listing, visit: [www.legrand.us/fiber](http://www.legrand.us/fiber)

# INFINIUM™ HD ENCLOSURE SYSTEM

## M8 Drawer Face

The Infinium High Density (HD) enclosures, a 2018 Cabling Installation & Maintenance Innovators Awards Silver Honoree, are the perfect solution for fiber networks in data centers and building networks. The high-density footprint accommodates up to 96 LC fibers in a 1U rack space. These enclosures have many innovative features designed with installers, contractors, and network professionals in mind—providing a simplified process when installing or working within the enclosures.

This enclosure features an M8 (Base 8) drawer face, accepting Legrand's HD8FP adapter panels and M8 cassettes. The drawer face can be removed and replaced with a M4 (Base 12) drawer face for migrations after being installed into the rack.

### Features:

- Single-person install and tool-less adjustments
- Internal LED lights and white tray for visibility
- Easy migration between Base 8 and Base 12
- Innovative Cable Management
- Max # of fibers per RU (LC) - **96**
- Max # of fibers per RU (8F MPO) - **384**
- Cassettes/Adapter panels per RU - **12**



INFC02U-M8



HD8FP-LCQ08LC



M8LCQ08-50EE3G1

## Infinium HD Enclosure - M8:

PART NO.	DESCRIPTION
INFC01U-M8	1U Infinium High Density (HD) Fiber Enclosure - M8 Drawer Face
INFC02U-M8	2U Infinium High Density (HD) Fiber Enclosure - M8 Drawer Face
INFC04U-M8	4U Infinium High Density (HD) Fiber Enclosure - M8 Drawer Face



Stacked 1U, 2U, & 4U  
Infinium HD Enclosure  
with M8 Drawer Faces



## HD8FP Adapter Panels:

PART NO.	CONNECTOR STYLE	FIBER TYPE	FIBER COUNT	COLOR
HD8FP-LCQ08AC	LC	Single-Mode [OS2]	8	Blue
HD8FP-LCQ08CC	LC APC	Single-Mode [OS2]	8	Green
HD8FP-LCQ08LC	LC	Multimode [OM4]	8	Aqua
HD8FP-MPANACA	MPO	Single-Mode [OS2]	32	Green
HD8FP-MPANAED	MPO	All (Type B - Aligned Key)	32	Gray
HD8FP-MPANALA	MPO	Multimode [OM4]	32	Aqua
M8-BLANK	--	--	--	Black

Note: Additional options available

## M8 Cassettes for Base-8 Applications:

PART NO.	CONNECTOR STYLE	FIBER TYPE	FIBER COUNT	TIER LEVEL	INSERTION LOSS (MAX)	RETURN LOSS (MIN)	POLARITY
M8LAQ08-09E1G1	LC APC - MPO (F)	OS2	8	Tier 1	1.15dB	55dB	Universal (Non-Flipped)
M8LCQ08-09E1G1	LC - MPO (F)	OS2	8	Tier 1	1.05dB	52dB	Universal (Non-Flipped)
M8LCQ08-09E2G1	LC - MPO (F)	OS2	8	Tier 2	0.60dB	52dB	Universal (Non-Flipped)
M8LCQ08-50EE3G1	LC - MPO (F)	OM4	8	Tier 3	0.50dB	19dB	Universal (Non-Flipped)
M8LCQ08-09E1G2	LC - MPO (F)	OS2	8	Tier 1	1.05dB	52dB	Universal (Flipped)
M8LCQ08-50EE3G2	LC - MPO (F)	OM4	8	Tier 3	0.50dB	19dB	Universal (Flipped)
M8LCQ08-09E2G2	LC - MPO (F)	OS2	8	Tier 2	0.60dB	52dB	Universal (Flipped)
M8LAQ08-09E2G2	LC APC - MPO (F)	OS2	8	Tier 2	0.60dB	55dB	Universal (Flipped)
M8LAQ08-09E2G1	LC APC - MPO (F)	OS2	8	Tier 2	0.60dB	55dB	Universal (Non-Flipped)
M8LAQ08-09E1G2	LC APC - MPO (F)	OS2	8	Tier 1	1.15dB	55dB	Universal (Flipped)

Note: Single-Mode = [OS2] & Multimode = [OM4]

# BASE 12 & BASE 8 OVERVIEW

Over the last four decades the deployment of traditional 12-fiber based connectivity has served the market well. Any data center that has been built to 10G specifications has used a Base 12 method; however, as bandwidth requirements continue to increase, new technologies are available and data center managers must choose between installing Base 12 or Base 8 systems.

**There are many key considerations for choosing between Base 12 and Base 8, including:**

- What are the network equipment and transceiver port configurations?
- What transmission method will be used?
- Will existing infrastructure be used?
- What is the future migration path of the network?

## Benefits of Base 12 Connectivity:

- Higher density fiber strand count per connector than Base 8 connectivity
- Fully compatible with existing Base 12 installations
- Commonly supports 10G links, but may be migrated to support 40G/100G



M4LCQ24-50EA2A2 - M4 Cassette  
HD8FP-MPA72LA - HD8FP Adapter Panel

## Benefits of Base 8 Connectivity:

- Optimized for 8-fiber transceivers and transmission technologies
- 100% fiber utilization for 8-fiber transceiver systems
- Cable harnesses match common port counts on network devices
- Flexibility for easy migration to 40G/100G/400G networks



M8LCQ08-50EE3G1 - M8 Cassette  
HD8FP-LCQ08LC - HD8FP Adapter Panel

## Simplified Migration:

The Infinium HD fiber enclosures were designed as a flexible solution for any installation. By utilizing the replacement drawer faces listed below, these enclosures may be migrated from supporting Base 12 to support Base 8, or from supporting Base 8 to support Base 12.

## M4 Replacement Drawer Faces:

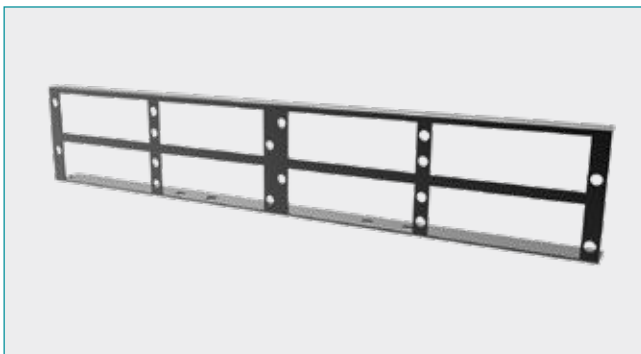
These replacement drawer faces may be used to convert an Infinium HD fiber enclosure to support Base 12 applications through M4 cassettes and HDFP adapter panels.

PART NO.	DESCRIPTION
INFDRW01U-M4	1U, M4 Drawer Face for Infinium High Density (HD) Fiber Enclosure
INFDRW02U-M4	2U, M4 Drawer Face for Infinium High Density (HD) Fiber Enclosure
INFDRW04U-M4	4U, M4 Drawer Face for Infinium High Density (HD) Fiber Enclosure

## M8 Replacement Drawer Faces:

These replacement drawer faces may be used to convert an Infinium HD fiber enclosure to support Base 8 applications through M8 cassettes and HD8FP adapter panels.

PART NO.	DESCRIPTION
INFDRW01U-M8	1U, M8 Drawer Face for Infinium High Density (HD) Fiber Enclosure
INFDRW02U-M8	2U, M8 Drawer Face for Infinium High Density (HD) Fiber Enclosure
INFDRW04U-M8	4U, M8 Drawer Face for Infinium High Density (HD) Fiber Enclosure



INFDRW02U-M4 - 2U, M4 Drawer Face



INFDRW02U-M8 - 2U, M8 Drawer Face

# INFINIUM™ UHD ENCLOSURE SYSTEM

The Infinium Ultra High Density (UHD) fiber enclosure system features the highest density in the industry and is perfect for fiber patching applications. Available with sizes from 1RU to 4RU, in a black or white finish, with a cable management tray in the back of the enclosure, it is the perfect solution for managing and protecting fiber connections. Concise format enclosures do not include the rear cable management tray and are ideal for stacking above a standard enclosure—simplifying cable management between those enclosures. The enclosure accepts UHD adapter panels and M7 cassettes, both with a base 12 or base 8 fiber configuration.

## Features:

- Highest density in the industry
- Available with or without cable management tray
- Max # of fibers per RU (LC) - **144**
- Max # of fibers per RU (12F MPO) - **576**
- Max # of fibers per RU (24F MPO) - **1,152**
- Cassettes/Adapter panels per RU - **12**



UC02UB



UHD7FP-MPA48LA



M7LCQ12-50EC3A1

## Infinium UHD Enclosure :

STANDARD (DEPTH = 23.58")		CONCISE (DEPTH = 9.76")		DESCRIPTION
BLACK	WHITE	BLACK	WHITE	
PART NO.				
UC01UB	UC01UB-W	UC01UB-A	UC01UB-A-W	1U Infinium Ultra-High Density (UHD) Fiber Enclosure
UC02UB	UC02UB-W	--	--	2U Infinium Ultra-High Density (UHD) Fiber Enclosure
UC04UB	UC04UB-W	--	--	4U Infinium Ultra-High Density (UHD) Fiber Enclosure
UC01U8	UC01U8-W	UC01U8-A	UC01U8-A-W	1U Infinium Ultra-High Density (UHD) Fiber Enclosure - Base 8
UC02U8	UC02U8-W	--	--	2U Infinium Ultra-High Density (UHD) Fiber Enclosure - Base 8
UC04U8	UC04U8-W	--	--	4U Infinium Ultra-High Density (UHD) Fiber Enclosure - Base 8



**UC01UB**  
Infinium Ultra-High  
Density, Standard

**UC01UB-A**  
Infinium Ultra-High  
Density, Concise

## UHD Adapter Panels:

PART NO.	CONNECTOR STYLE	FIBER TYPE	FIBER COUNT	COLOR
UHD7FP-LCQ08AC	LC	Single-Mode (OS2)	8	Blue
UHD7FP-LCQ08CC	LC APC	Single-Mode (OS2)	8	Green
UHD7FP-LCQ08LC	LC	Multimode (OM4)	8	Aqua
UHD7FP-LCQ12AC	LC	Single-Mode (OS2)	12	Blue
UHD7FP-LCQ12CC	LC APC	Single-Mode (OS2)	12	Green
UHD7FP-LCQ12LC	LC	Multimode (OM4)	12	Aqua
UHD7FP-MPA32CA	MPO	Single-Mode (OS2)	32	Green
UHD7FP-MPA32LA	MPO	Multimode (OM4)	32	Aqua
UHD7FP-MPA32ED	MPO	All (Type B - Aligned Key)	32	Gray
UHD7FP-MPA48CA	MPO	Single-Mode (OS2)	48	Green
UHD7FP-MPA48LA	MPO	Multimode (OM4)	48	Aqua
UHD7FP-MPA48ED	MPO	All (Type B - Aligned Key)	48	Gray

## M7 Cassettes:

PART NO.	CONNECTOR STYLE	FIBER TYPE	FIBER COUNT	TIER LEVEL	INSERTION LOSS (MAX)	RETURN LOSS (MIN)	POLARITY
M7LCQ08-09E2G2	LC - MPO (F)	OS2	8	Tier 2	0.60dB	52dB	Universal (Flipped)
M7LCQ08-50EE3G2	LC - MPO (F)	OM4	8	Tier 3	0.50dB	19dB	Universal (Flipped)
M7LCQ12-09	LC - MPO (M)	OS2	12	Tier 1	1.05dB	52dB	Method A
M7LCQ12-09A2A1	LC - MPO (M)	OS2	12	Tier 2	0.60dB	52dB	Method A
M7LCQ12-50E	LC - MPO (M)	OM4	12	Tier 3	0.50dB	19dB	Method A
M7LCQ12-09C1A1	LC - MPO (M)	OS2	12	Tier 1	1.05dB	52dB	Method B - Near End
M7LCQ12-09C1B1	LC - MPO (M)	OS2	12	Tier 1	1.05dB	52dB	Method B - Far End
M7LCQ12-09C2A1	LC - MPO (M)	OS2	12	Tier 2	0.60dB	52dB	Method B - Near End
M7LCQ12-09C2B1	LC - MPO (M)	OS2	12	Tier 2	0.60dB	52dB	Method B - Far End
M7LCQ12-50EC3A1	LC - MPO (M)	OM4	12	Tier 3	0.50dB	19dB	Method B - Near End
M7LCQ12-50EC3B1	LC - MPO (M)	OM4	12	Tier 3	0.50dB	19dB	Method B - Far End

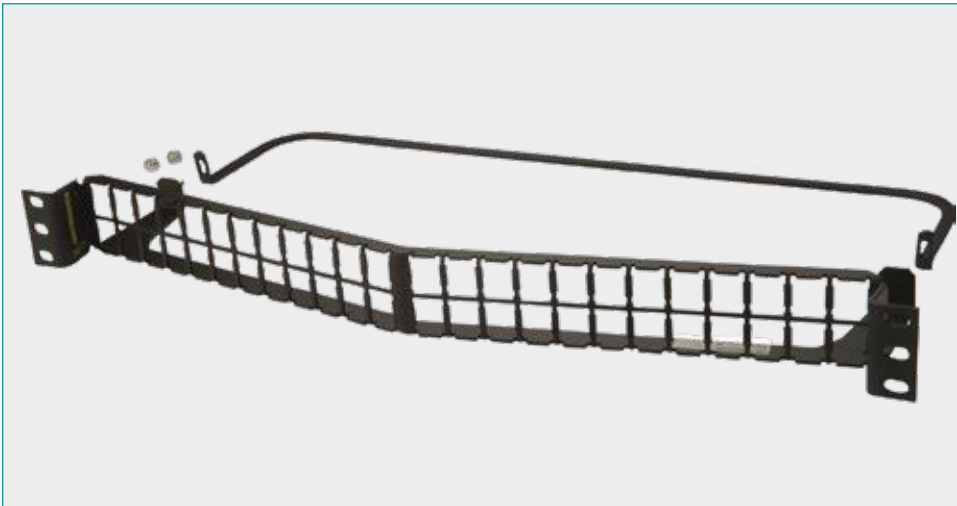
Note: Single-Mode = (OS2) & Multimode = (OM4)

# MODULAR PANEL SYSTEM

These modular panels support rear loading of HDFM adapter panels, HDJ adapters and HDCA cassettes. Available in 24, 48 or 72 port, in a black or white finish, and in high or standard density, these panels include a rear cable management bar with straps to support a clean and organized look. The construction of the panel is powder-coated steel and is designed for optimal performance. Customize these panels for each application with support for mixed media applications for copper and fiber, and even add individual 40/100G uplinks.

## Features:

- Flat and angled configurations
- Supports mixed media applications
- Max # of fibers per RU (SC) - **48**
- Max # of fibers per RU (LC) - **96**
- Max # of fibers per RU (12F MPO) - **576**
- Max # of fibers per RU (24F MPO) - **1,152**



PHAHJU48



HDFM-FMTZNL-00



HDCA6LC12AH

## Modular HD Panels (Mixed Media):

FLAT		ANGLED		DESCRIPTION
BLACK	WHITE	BLACK	WHITE	
PART NO.				
PHDHJU24	PHDHJU24-W	PHAHJU24	PHAHJU24-W	1U 24-Port HDJ Series Modular Panel
PHDHJU48	PHDHJU48-W	PHAHJU48	PHAHJU48-W	1U 48-Port HDJ Series Modular Panel
PHDHJU72	PHDHJU72-W	PHAHJU72	PHAHJU72-W	2U 72-Port HDJ Series Modular Panel

## Modular HD Panels (Fiber Only):

FLAT		ANGLED	DESCRIPTION
PART NO.			
PHDFMU48		PHAFMU48	1U 48-Port HDJ Series Modular Panel, with Label Kit

## Modular SD Panels (Mixed Media):

BLACK	WHITE	
PART NO.		DESCRIPTION
PSDHJU48	PSDHJU48-W	2U 48-Port HDJ Series Modular Panel

## HDFM Adapter Inserts:

PART NO.	CONNECTOR STYLE	FIBER TYPE	FIBER COUNT	COLOR
HDFM-FLC2CA-00	LC	Single-Mode (OS2)	2	Blue
HDFM-FLC2CC-00	LC APC	Single-Mode (OS2)	2	Green
HDFM-FLC2CL-00	LC	Multimode (OM4)	2	Aqua
HDFM-FLC2CB-00	LC	ALL	2	Orange
HDFM-FLC2CF-00	LC	ALL	2	White
HDFM-FLC2CG-00	LC	ALL	2	Red
HDFM-FLC2CI-00	LC	ALL	2	Yellow

Note: Also available in 25-pack; additional colors include: Red, Black, Orange as well as MPO versions.

## HD6FM Adapter Panels:

PART NO.	CONNECTOR STYLE	FIBER TYPE	FIBER COUNT	COLOR
HD6FM-FSC1CL-00	SC	Multimode (OM4)	6	Aqua
HD6FM-FLC2CA-00	LC	Single-Mode (OS2)	12	Blue
HD6FM-FLC2CL-00	LC	Multimode (OM4)	12	Aqua
HD6FM-FMPZAL-00	MPO	Multimode (OM4)	72	Aqua

Note: Additional colors and fiber types available.

## HDCA Cassettes:

PART NO.	CONNECTOR STYLE	FIBER TYPE	FIBER COUNT	TIER LEVEL	INSERTION LOSS (MAX)	RETURN LOSS (MIN)	POLARITY
HDCA4LC08EJ-1G1	LC - MPO (F)	OS2	8	Tier 1	1.05dB	52dB	Universal (Non-Flipped)
HDCA4LC08EJ-2G2	LC - MPO (F)	OS2	8	Tier 2	0.60dB	52dB	Universal (Flipped)
HDCA4LC08EH-3G1	LC - MPO (F)	OM4	8	Tier 3	0.50dB	19dB	Universal (Non-Flipped)
HDCA4LC08EH-3G2	LC - MPO (F)	OM4	8	Tier 3	0.50dB	19dB	Universal (Flipped)
HDCA6LC12AJ	LC - MPO (M)	OS2	12	Tier 1	1.05dB	52dB	Method A
HDCA6LC12AJ-1C1	LC - MPO (M)	OS2	12	Tier 1	1.05dB	52dB	Reverse Pair Position
HDCA6LC12AH	LC - MPO (M)	OM4	12	Tier 3	0.50dB	19dB	Method A
HDCA6LC12BJ-1A1	LC - MPO (M)	OS2	12	Tier 1	1.05dB	52dB	Method B - Near End
HDCA6LC12BJ-1B1	LC - MPO (M)	OS2	12	Tier 1	1.05dB	52dB	Method B - Far End
HDCA6LC12BH	LC - MPO (M)	OM4	12	Tier 3	0.50dB	19dB	Method B - Near End
HDCA6LC12BH-3B1	LC - MPO (M)	OM4	12	Tier 3	0.50dB	19dB	Method B - Far End

Note: Single-Mode = (OS2) & Multimode = (OM4)

For complete product listing, visit: [www.legrand.us/fiber](http://www.legrand.us/fiber)

# Q-SERIES ENCLOSURE SYSTEM

The Q-Series fiber enclosure system is designed to support standard density applications in building networks. The footprint accommodates 72 LC fibers in a 1U rack space, accepting OFP adapter panels, M2 cassettes, and M2 splice cassettes.

## Features:

- Front doors, rear doors and removable top panels
- Rear knockouts for horizontal cabling entrances
- Max # of fibers per RU (SC) - **36**
- Max # of fibers per RU (LC) - **72**
- Max # of fibers per RU (12F MPO) - **216**
- Max # of fibers per RU (24F MPO) - **432**
- Cassettes/Adapter panels per RU - **3**



EQ02U-CHC



OFP-LCD12AC



M2LC12-09



M2LCQ24-50E2A1R

## Q-Series Enclosure:

PART NO.	DESCRIPTION
EQ01U-CHC	1U Q-Series Standard Density (SD) Fiber Enclosure
EQ02U-CHC	2U Q-Series Standard Density (SD) Fiber Enclosure
EQ04U-CVC	4U Q-Series Standard Density (SD) Fiber Enclosure



## OFF Adapter Panels:

PART NO.	CONNECTOR STYLE	FIBER TYPE	FIBER COUNT	COLOR
OFF-LCD08AC	LC	Single-Mode (OS2)	8	Blue
OFF-LCD08LC	LC	Multimode (OM4)	8	Aqua
OFF-LCD12AC	LC	Single-Mode (OS2)	12	Blue
OFF-LCD12CC	LC APC	Single-Mode (OS2)	12	Green
OFF-LCD12MB	LC	Multimode (OM1)	12	Beige
OFF-LCD12LC	LC	Multimode (OM4)	12	Aqua
OFF-BLANK	--	--	--	Black

Note: Additional options available

## M2 Cassettes:

PART NO.	CONNECTOR STYLE	FIBER TYPE	FIBER COUNT	TIER LEVEL	INSERTION LOSS (MAX)	RETURN LOSS (MIN)	POLARITY
M2LCD12-09	LC - MPO(M)	OS2	12	Tier 1	1.05dB	52dB	Method A
M2LCD12-09A	LC APC - MPO(M)	OS2	12	Tier 1	1.15dB	55dB	Method A
M2LCD12-62	LC - MPO(M)	OM1	12	Tier 1	1.25dB	19dB	Method A
M2LCD12-50E	LC - MPO(M)	OM4	12	Tier 2	0.75dB	19dB	Method A
M2LCD12-091A1C	LC - MPO(M)	OS2	12	Tier 1	1.05dB	52dB	Method B (Near End)
M2LCD12-091B1C	LC - MPO(M)	OS2	12	Tier 1	1.05dB	52dB	Method B (Far End)
M2LCQ24-09	LC - MPO(M)	OS2	24	Tier 1	1.05dB	52dB	Method A
M2LCQ24-09A	LC APC - MPO(M)	OS2	24	Tier 1	1.15dB	55dB	Method A
M2LCQ24-62	LC - MPO(M)	OM1	24	Tier 1	1.25dB	19dB	Method A
M2LCQ24-50E	LC - MPO(M)	OM4	24	Tier 2	0.75dB	19dB	Method A
M2LCQ24-50E3A1	LC - MPO(M)	OM4	24	Tier 3	0.50dB	19dB	Method A

Note: Single-Mode = (OS2) & Multimode = (OM4)

## M2 Splice Cassettes:

PART NO.	CONNECTOR STYLE	FIBER TYPE	FIBER COUNT	TIER LEVEL	INSERTION LOSS (MAX)	RETURN LOSS (MIN)	SPLICE TYPE
M2LCD12-091A1S	LC	OS2	12	Tier 1	0.30dB	55dB	Single Fiber
M2LCD12-09A1A1S	LC APC	OS2	12	Tier 1	0.40dB	65dB	Single Fiber
M2LCD12-50E2A1S	LC	OM4	12	Tier 2	0.25dB	26dB	Single Fiber
M2LCD12-50E3A1S	LC	OM4	12	Tier 3	0.15dB	26dB	Single Fiber
M2LCQ24-091A1R	LC	OS2	24	Tier 1	0.30dB	55dB	Ribbon Fiber
M2LCQ24-09A1A1R	LC APC	OS2	24	Tier 1	0.40dB	65dB	Ribbon Fiber
M2LCQ24-50E2A1R	LC	OM4	24	Tier 2	0.25dB	26dB	Ribbon Fiber
M2LCQ24-50E3A1R	LC	OM4	24	Tier 3	0.15dB	26dB	Ribbon Fiber

Note: Single-Mode = (OS2) & Multimode = (OM4)

For complete product listing, visit: [www.legrand.us/fiber](http://www.legrand.us/fiber)

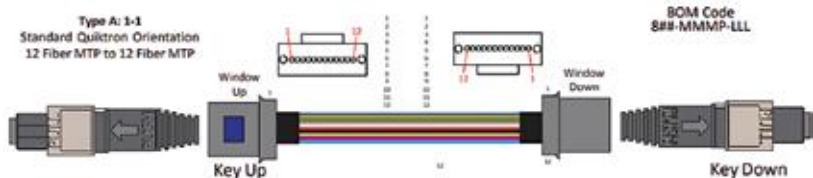
# FIBER POLARITY OVERVIEW

## Method A Polarity

Method A utilizes Type A key-up to key-down adapters to connect the MPO connectors. This method maintains Fiber 1 throughout the link. Fiber 1 in the near end cassette connects to Fiber 1 in the array cable, which connects to Fiber 1 in the far end cassette. The fiber link deploys one A-A patch cord and one A-B patch cord at either end of the link to complete the circuit.

### Array patch cord & array cable fiber sequence:

END	FIBER SEQUENCE (Viewing the array connector end-face with key up)											
Near	1	2	3	4	5	6	7	8	9	10	11	12
Far	1	2	3	4	5	6	7	8	9	10	11	12



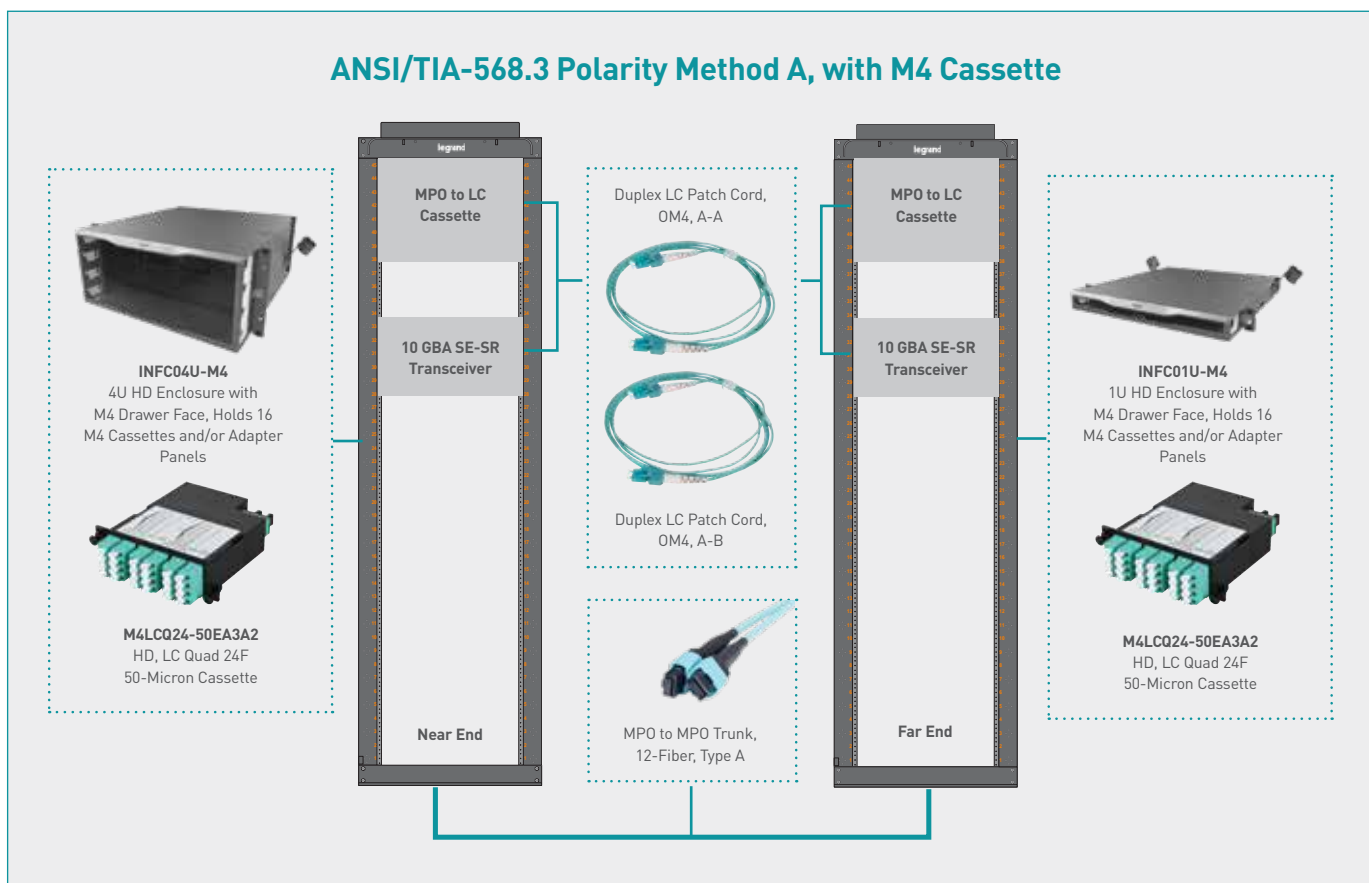
### Pros

- ✓ Consistent flip at either the beginning or end of the link
- ✓ Simple deployment
- ✓ Easy cable management
- ✓ Easy to extend the network
- ✓ Works with single-mode and multimode links

### Cons

- ✗ Two types of patch cords in the link

## ANSI/TIA-568.3 Polarity Method A, with M4 Cassette

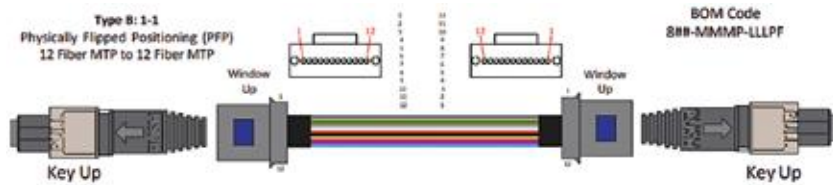


## Method B Polarity

Method B utilizes Type B key-up to key-up adapters to connect the MPO connectors. The link is completed by utilizing A-B patch cords at the beginning and end of the link. The array cable connectors are aligned key-up to key-up. The connection results in an inversion which means Fiber 1 connects to Fiber 12, fiber 2 connects to Fiber 11 and so on. One of the cassettes must be inverted internally so that Fiber 12 is mated with Fiber 1 at the end of the link.

### Array patch cord & array cable fiber sequence:

END	FIBER SEQUENCE (Viewing the array connector end-face with key up)											
Near	1	2	3	4	5	6	7	8	9	10	11	12
Far	12	11	10	9	8	7	6	5	4	3	2	1



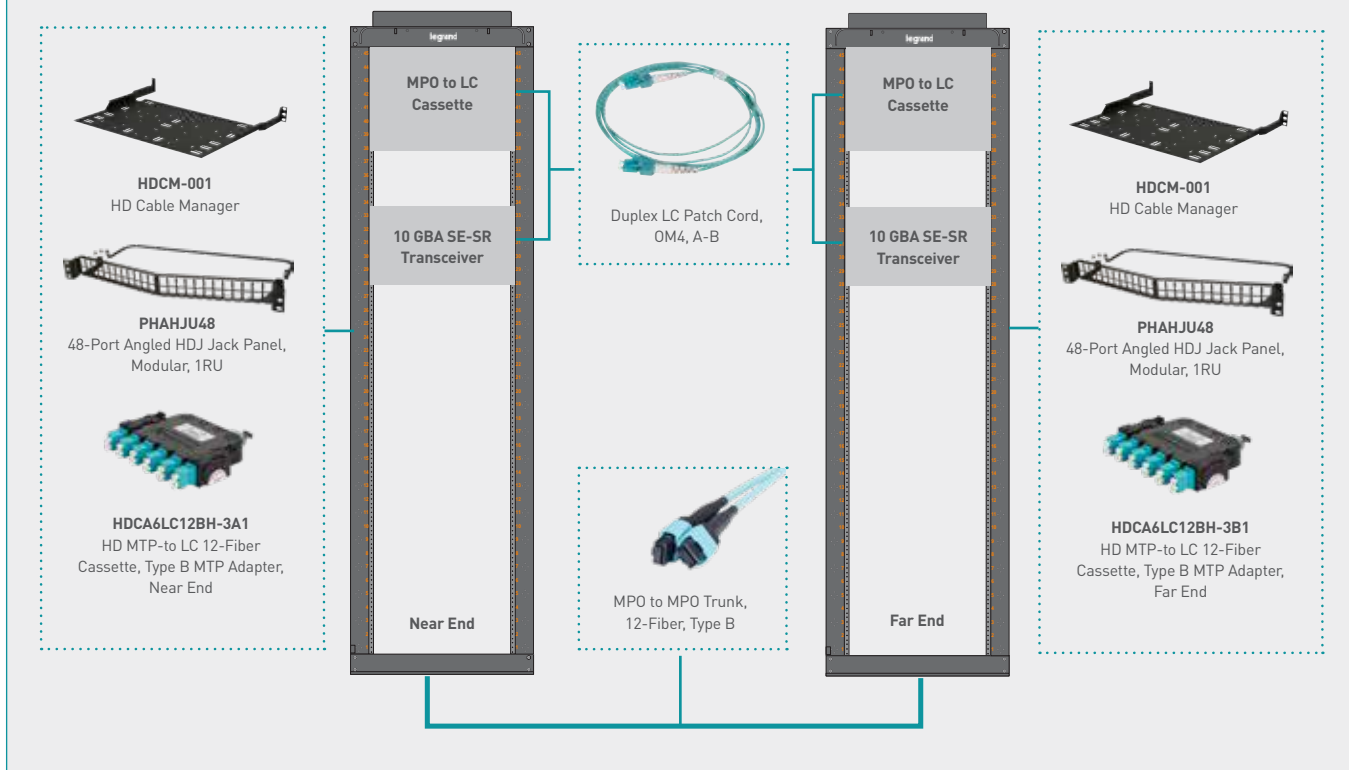
### Pros

- ✓ A-B patch cords at both ends of the link
- ✓ Direct connect trunks

### Cons

- ✗ Detailed planning to help maintain polarity
- ✗ Cassette inversion with two different cassettes
- ✗ Cassette administration
- ✗ Does not support standards based Single-mode APC polish

## ANSI/TIA-568.3 Polarity Method B, with HDCA Cassette



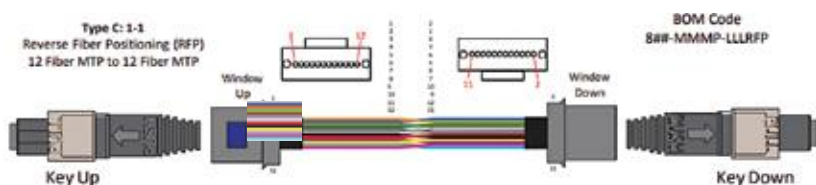
# FIBER POLARITY OVERVIEW

## Method C Polarity

Method C utilizes Type A key-up to key-down adapters to connect the MPO connectors. The fiber link utilizes the same cassettes as Method A and is completed by A-B patch cords at both ends of the link. The flip in Method C occurs in the array cable, not in the patch cords as it does in Method A.

### Array patch cord & array cable fiber sequence:

END	FIBER SEQUENCE (Viewing the array connector end-face with key up)											
Near	1	2	3	4	5	6	7	8	9	10	11	12
Far	2	1	4	3	6	5	8	7	10	9	12	11



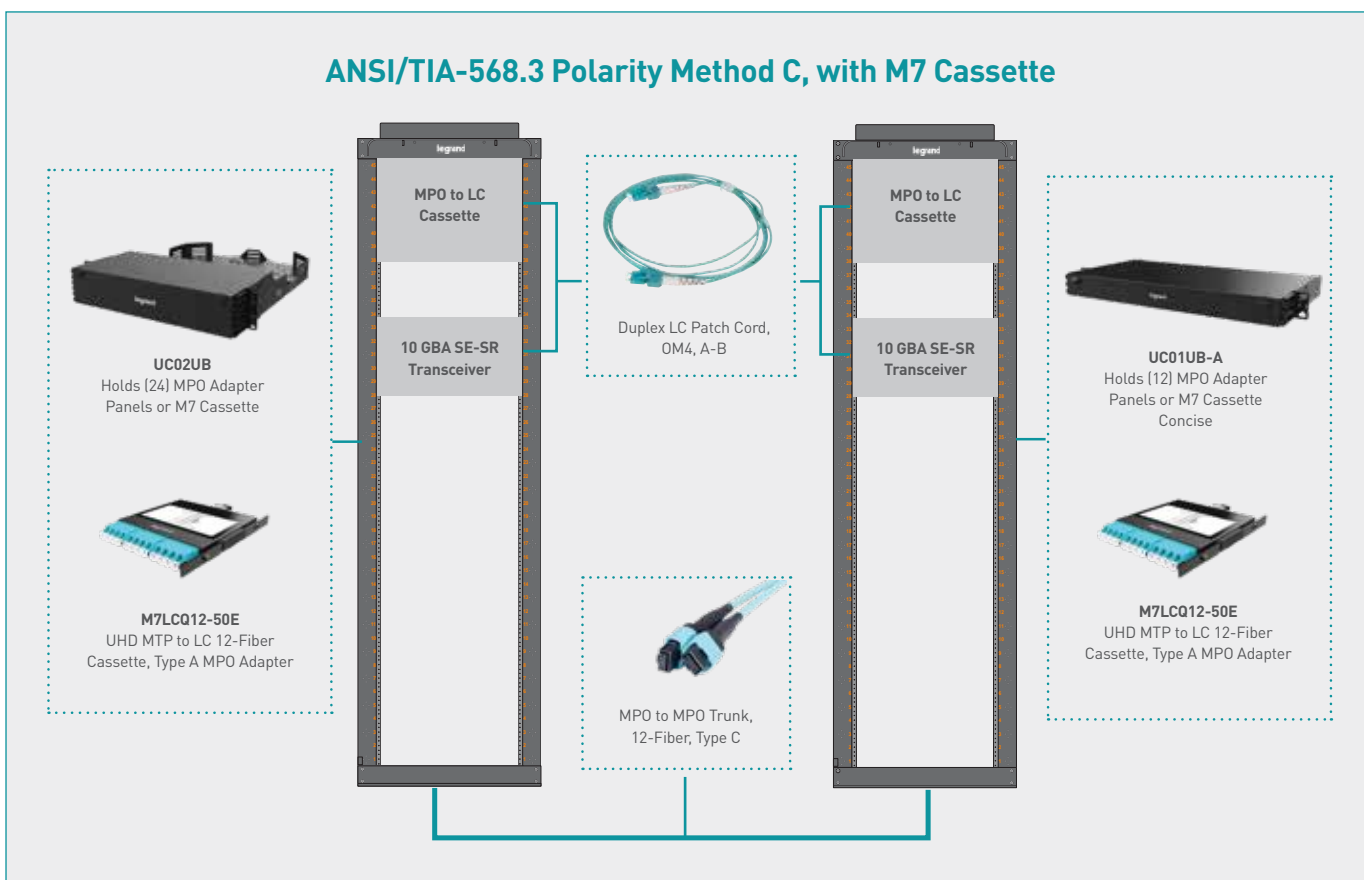
## Pros

- ✓ Same cassettes as Method A
- ✓ A-B patch cords on both ends of the link

## Cons

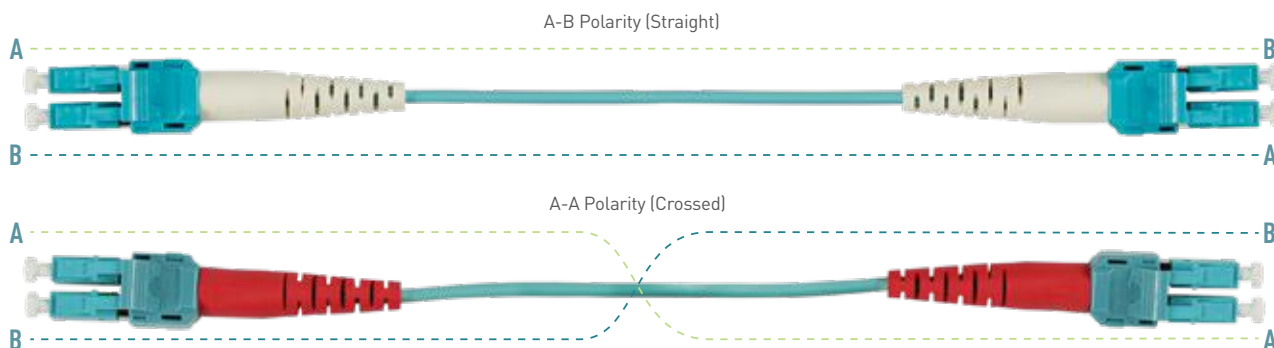
- ✗ Detailed planning to help maintain polarity
- ✗ Array cord administration (Flip in the array cord)
- ✗ Link extensions require the array cord to be un-flipped
- ✗ Difficult to migrate to 40/100G

## ANSI/TIA-568.3 Polarity Method C, with M7 Cassette



# FIBER PATCH CORDS

Infinium and Q-Series fiber patch cords from Legrand are built to meet or exceed industry standards for insertion and return loss. Legrand patch cords are available in either A-B (straight) or A-A (crossed) polarity, per the TIA 568 standard.



With over 6 trillion different fiber patch cord configurations, standard configurations include LC-LC, SC-SC and SC-LC, with options for ST, MPO, MTRJ and more.

**Selecting the patch cord that is the right fit for each application is commonly based on the following considerations:**

- ✓ Performance
- ✓ Country of origin
- ✓ Lead time

PERFORMANCE TIER		Premium (Infinium)			Standard	
		ULTRA-LOW LOSS	LOW LOSS		STANDARD LOSS	
Multimode	Insertion Loss	0.1dB (Tier 4)	0.15dB (Tier 3)		0.5dB (Tier 1)	
	Return Loss	26 dB	26 dB		26 dB	
Single-Mode	Insertion Loss	0.1dB (Tier 4)	0.25dB (Tier 2)		0.3dB (Tier 1)	
	Return Loss	APC 65 dB    UPC 55 dB	APC 65 dB	UPC 55 dB	APC 65 dB	UPC 55 dB
Country of Origin		USA	USA	Import	USA	Import
TAA / BAA		✓	✓	—	✓	—
Part Number Prefix		L4	L3	P3	L1	P1 & 800 Series
Lead Time		2-5 Days	2-5 Days	1-2 Weeks	2-5 Days	Stocked
LC Push / Pull Tab Option		✓	✓	—	✓	—
System Warranty		nCompass Premium			nCompass Standard	
Connector Options		LC, SC, ST				
Polarity Type		A-B or AA				
Certification		TIA Channel Compliant				

Contact your Legrand sales representative for ordering information.

# FIBER TRUNKS

## Cable System

Legrand fiber trunks and harnesses are available with two tiers of performance, Q-Series and Infinium. Both tiers are fully configurable and available with a variety of cable and connector combinations—including connector type, breakout configurations and jacket material. Each trunk can have multiple connectors of different types and a choice of cable construction in between.

FAMILY	INSERTION LOSS	PRODUCT WARRANTY	SYSTEM WARRANTY
Infinium	0.35 dB MPO 0.15 dB LC	Limited Lifetime	Premium
Q-Series	0.6 dB MPO 0.5 dB LC	Limited Lifetime	Standard

For more information on the nCompass warranty visit: [ncompass-systems.com](http://ncompass-systems.com)

## Fiber Trunk Part Numbering Matrix

## Example Part Number: Q0101202S7DFE8200F

POSITION	DETAIL	POSITION	DETAIL
A	Family	Q	Q-Series - USA
BB	Connector A	01	LC Connector
CC	Connector B	01	LC Connector
D	Polarity	2	Duplex A-B Clipped
EE	Cable Type	02	Distribution OFNP
V	Raw Cable Vendor	S	Superior Essex
F	Fiber Count	7	12 Fiber
G	Fiber Type	D	Multimode OM3 50um LOMMF
H	Breakout A	F	2.0mm Standard Stagger Single Color
I	Breakout B	E	2.0mm No Stagger Single Color
J	Options	8	Spool Pulling Eye, A-Side Label, A-Side
LLL	Length	200	200
U	UOM	F	Feet

Fiber Trunk



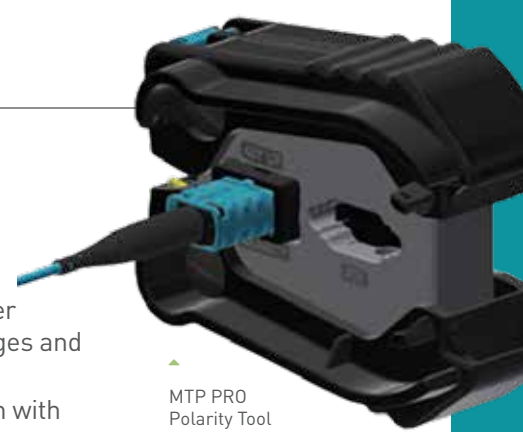
### Legrand trunk cables are manufactured using an innovative furcation method:

- Improves overall tensile strength and conforms to TIA-568-C.3
- Utilizes higher quality tubing for a more consistent jacket foot print
- Leverages high impact ABS at the furcation point
- Provides a sleeker, more innovative design

## Field Reversible MTP® PRO

Legrand trunks featuring US Conec's MTP PRO are simple and dependable solutions that enable safe, field-friendly configurations every time.

- Simple field reconfigurability
- Eliminates housing removal and pin handling
- Color-coded pin clamps and exchanger for easy identification
- Pin exchange system for gender changes reduces risk of damages and eradicates costly mistakes
- Simple insertion and extraction with push-pull design



### Need a trunk for your application?

Legrand provides full engineering resources and support for collaborative development of a fiber optic trunk solution designed to meet the needs of any data center or network application. Contact one of our specialists today to develop your trunk configuration.

800.361.0471

## Passive Optical LAN Splitters

A Passive Optical LAN (POL) Splitter is used in place of a workgroup switch, optimizing resources with a simple, space-saving installation that provides benefits such as cost reductions, greater efficiencies, scalability, and a clear upgrade path.

- **Simple Installation:** POL splitters can be integrated with existing LANs
- **Flexible Density:** POL splitters can be used in HD and UHD panels and enclosures

PART NO.	DESCRIPTION
M2S1108LA092M	M2 1x8 POL Splitter, LC/APC Connectors, 2m Pigtails
M2S1116LA092M	M2 1x16 POL Splitter, LC/APC Connectors, 2m Pigtails
M2S1132LA092M	M2 1x32 POL Splitter, LC/APC Connectors, 2m Pigtails
M2S2108LA092M	M2 2x8 POL Splitter, LC/APC Connectors, 2m Pigtails
M2S2116LA092M	M2 2x16 POL Splitter, LC/APC Connectors, 2m Pigtails
M2S2132LA092M	M2 2x32 POL Splitter, LC/APC Connectors, 2m Pigtails
M2S1108SA092M	M2 1x8 POL Splitter, SC/APC Connectors, 2m Pigtails
M2S1116SA092M	M2 1x16 POL Splitter, SC/APC Connectors, 2m Pigtails
M2S1132SA092M	M2 1x32 POL Splitter, SC/APC Connectors, 2m Pigtails
M2S2108SA092M	M2 2x8 POL Splitter, SC/APC Connectors, 2m Pigtails
M2S2116SA092M	M2 2x16 POL Splitter, SC/APC Connectors, 2m Pigtails
M2S2132SA092M	M2 2x32 POL Splitter, SC/APC Connectors, 2m Pigtails
M2S1216SA092M	M2 Dual 1x16 POL Splitter, SC/APC Connectors, 2m Pigtails



M2S1132LA092M



M2S2132LA092M

PART NO.	DESCRIPTION
M4S1108SA091M	M4 1x8 POL Splitter, SC/APC Connectors, 1m Pigtails
M4S1116SA091M	M4 1x16 POL Splitter, SC/APC Connectors, 1m Pigtails
M4S1132SA091M	M4 1x32 POL Splitter, SC/APC Connectors, 1m Pigtails
M4S1108SA092M	M4 1x8 POL Splitter, SC/APC Connectors, 2m Pigtails
M4S1116SA092M	M4 1x16 POL Splitter, SC/APC Connectors, 2m Pigtails
M4S1132SA092M	M4 1x32 POL Splitter, SC/APC Connectors, 2m Pigtails
M4S2132SA091M	M4 2x32 POL Splitter, SC/APC Connectors, 1m Pigtails
M4S2132SA092M	M4 2x32 POL Splitter, SC/APC Connectors, 2m Pigtails
M4S1216SA091M	M4 Dual 1x16 POL Splitter, SC/APC Connectors, 1m Pigtails
M4S1216SA092M	M4 Dual 1x16 POL Splitter, SC/APC Connectors, 2m Pigtails
HDCAS1108SA09	1x8 (1 SC to 8 LC) POL Fiber Splitter, OS2 HDCA Cassette, SC/APC
RMS011164SA09	1U Rack mount 1x64 POL Splitter, SC/APC Connectors



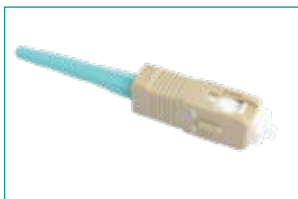
M4S1108SA091M



M4S1132SA091M

# FIBER CONNECTORS

Fiber optic connectors from Legrand are available in a variety of connector styles and in both single-mode and multimode fiber types with three different termination methods—fusion splicing, mechanical splicing and anaerobic curing.



205KNF9FA-50T

## Fusion Splicing

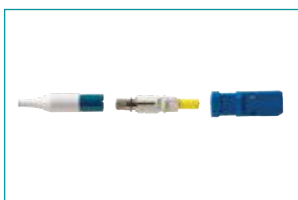
The fusion splicing method for Infinium fusion splice-on connectors is accomplished by fusing the field fiber to the factory-cleaved 900um fiber stub to ensure ease of use and optimal performance. The unique boot allows the entire splice to be concealed and protected. Plus, the addition of an extended brass crimp sleeve provides extra protection to the splice and utilizes the Kevlar® for maximized pull strength.



205KNT9SA-09

## Mechanical Splicing

The mechanical splicing method for the Infinium field installable mechanical splice connectors is accomplished with no epoxy or polishing and requires no special tools for fast and easy assembly in the field. The reusable termination capability saves time and money while reducing scrap. The VFL window enables immediate feedback on successful termination.



205KAN9FA-5M

## Anaerobic Curing

The anaerobic curing method for the Q-Series field terminating anaerobic connectors require no capital equipment, curing ovens, UV light sources, or expensive polishing machines. Terminate anywhere without worrying about power sources or charging batteries. The connectors feature a simple design allowing for lower unit costs, while advanced engineering helps ensure long life and saves on replacement costs.

## Infinium Fusion Splice-On Connectors:

PART NO.	CONNECTOR STYLE	FIBER TYPE	JACKET SIZE	COLOR	BOOT COLOR	PACK COUNT
205KNF9GA-62	LC	Multimode (OM1)	900um	Beige	Beige	1
205KNF9FA-62	SC	Multimode (OM1)	900um	Beige	Beige	1
205KNF9EA-62	ST	Multimode (OM1)	900um	Metallic	Beige	1
205KNF9GA-50T	LC	Multimode (OM3)	900um	Beige	Aqua	1
205KNF9FA-50T	SC	Multimode (OM3)	900um	Beige	Aqua	1
205KNF9EA-50T	ST	Multimode (OM3)	900um	Metallic	Aqua	1
205KNF9GA-50E	LC	Multimode (OM4)	900um	Beige	Magenta	1
205KNF9FA-50E	SC	Multimode (OM4)	900um	Beige	Magenta	1
205KNF9SA-09	LC	Single-Mode (OS2)	900um	Blue	White	1

Note: Options available for 2.0mm and 3.0mm jacket sizes.



## Accessories for Infinium Fusion Splice-On Connectors:

PART NO.	DESCRIPTION
20500382	3.0mm Cordage Holder for Fitel Splicers
20500383	3.0mm Cordage Holder for AFL Splicers
20500384	Curing Oven for 3.0mm and 900um Fiber
20500385	Crimp Tool for 3.0mm Fiber
20500368	Metal Splice-On Connector Universal Holder
20500366	Metal Splice-On Connector Holder for Sumitomo Splicers
20500370	Metal Splice-On Connector Holder for AFL115S, 50R
20500371	Metal Splice-On Connector Holder for AFL60S, 12S
20500373	Metal Splice-On Connector Holder for OFS Fitel Splicers

## Infinium Field Installable Mechanical Splice-On Connectors:

PART NO.	CONNECTOR STYLE	FIBER TYPE	JACKET SIZE	HOUSING COLOR	BOOT COLOR	PACK COUNT
205KNT9GA-62	LC	Multimode [OM1]	900um	Beige	White	1
205KNT9FA-62	SC	Multimode [OM1]	900um	Beige	White	1
205KNT9GA-50T	LC	Multimode [OM3]	900um	Aqua	White	1
205KNT9FA-50T	SC	Multimode [OM3]	900um	Aqua	White	1
205KNT9SA-09	LC	Single-Mode [OS2]	900um	Blue	White	1
205KNT9RA-09	SC	Single-Mode [OS2]	900um	Blue	White	1
205KNT9LA-09	SC APC	Single-Mode [OS2]	900um	Green	White	1

## Accessories for Infinium Field Installable Mechanical Splice-On Connectors:

PART NO.	DESCRIPTION
85400017	Infinium Field Installable Mechanical Splice Toolkit

## Q-Series Anaerobic Splice-On Connectors:

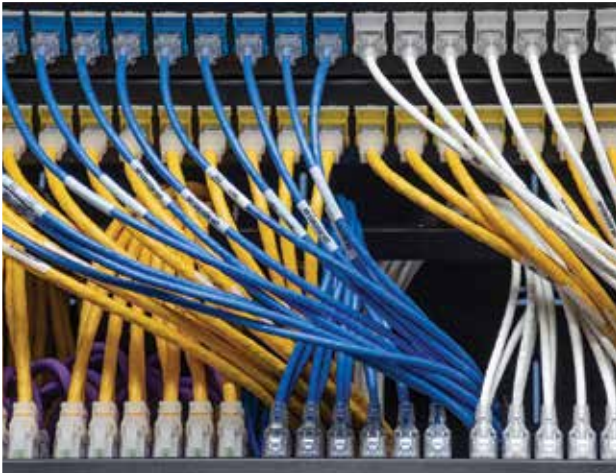
PART NO.	CONNECTOR STYLE	FIBER TYPE	JACKET SIZE	HOUSING COLOR	BOOT COLOR	PACK COUNT
205KAN9GA-MM	LC	Multimode	900um	Beige	White	1
205KAN9FA-MM	SC	Multimode	900um	Beige	White	1
205KAN9EA-MM	ST	Multimode	900um	Metallic	Gray	1
205KAN9GA-SM	LC	Single-Mode	900um	Blue	White	1
205KAN9FA-SM	SC	Single-Mode	900um	Blue	White	1
205KAN9EA-SM	ST	Single-Mode	900um	Metallic	White	1

## Accessories for Q-Series Anaerobic Splice-On Connectors:

PART NO.	DESCRIPTION
85400010	Q-Series Anaerobic Termination Kit for ST, SC, LC

For complete product listing, visit: [www.legrand.us/fiber](http://www.legrand.us/fiber)

# COPPER SYSTEMS



Legrand Copper Systems deliver exceptional value and performance, backed by customer support that is unparalleled in the marketplace. We offer a range of jacks, patch panels, workstation mounting accessories, EZ Patch™ packaging solutions, and copper patch cords that complement our custom and standard copper solutions—for a fully integrated system.

## SYSTEM FEATURES

Doubled RU Space with High Density Solutions to Address the Challenge of Space Limitations

ETL Verified Components for 3rd Party Verified Premium Performance

PoE Rated for 1.5+ Amps Per Circuit Trace with Arcing Erosion Mitigation to Support High Powered PoE up to 100W

Front or Rear Loading Jacks for Flexible Installation Scheduling

Full Suite of Patch Panel Solutions to Match Aesthetics for an Integrated Legrand System

Mixed Media Capabilities for a Dynamic, Expandable Network within an Existing Footprint

TAA Compliant / Buy America to Meet Specific Project Requirements

50 Years of Innovation for Minimized Installation and Service Time

Patch Panels with Rear Cable Management to Protect the Integrity of Connections

nCompass™ Warrantied Solutions Guarantee Premium Performance Headroom



# Premium

Clarity® connectivity and premium patch cords offer unmatched performance and reliability in the industry.



**Full Line**

**Premium**



# Standard

TechChoice® connectivity and standard performance patch cords provide an option for networks that require quality components at competitive prices with quick delivery times. with quick delivery.

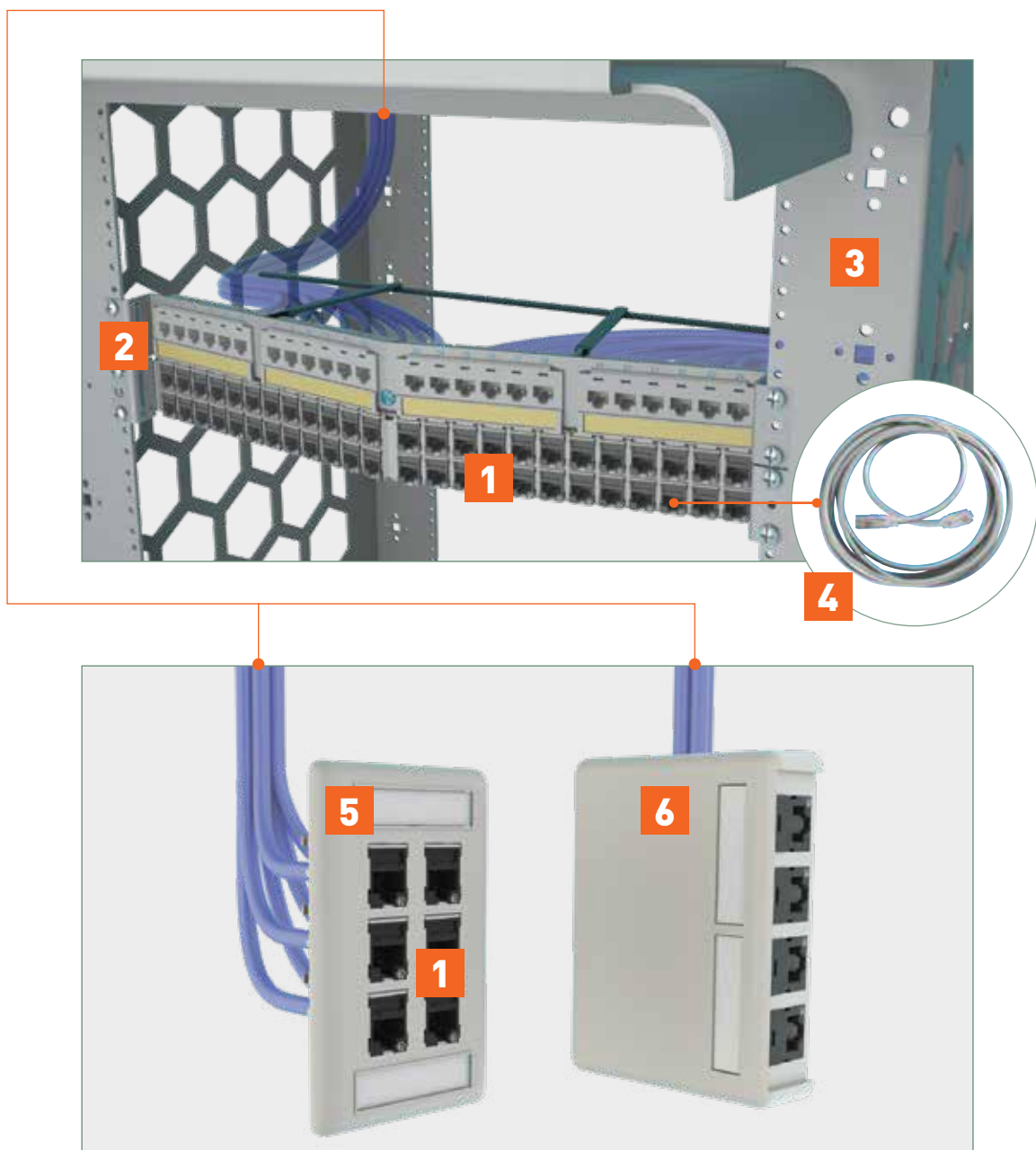


**Limited**

**Standard**

# CLARITY<sup>®</sup> COMPLETE SOLUTION

Clarity products deliver exceptional value and performance, backed by customer support that is unparalleled in the marketplace. We offer a range of jack, patch panels, workstation mounting accessories and copper patch cords that complement our custom and standard copper solutions—for a fully integrated system.





## 1) Clarity High Density Jacks (HDJ)

Clarity high density jacks incorporate mechanical and electrical advancements to provide performance headroom and an easy termination method. The easy to lace and crimp termination reduces time to install, while maintaining cable performance. The HDJ jacks are available in Category 6a, 6 and 5e with Clarity technology that elevates channel performance. These jacks are rear loading, utilizing an innovative locking latch for quick reliable mounting and removal.

## 2) Clarity Angled Patch Panels



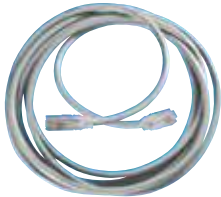
Clarity angled patch panels utilize a unique recessed angle design to help direct cords with greater ease to vertical rack or cabinet management within a lower profile. This design provides an improved alternative for applications that do not offer rack space for horizontal management. Rugged rear cable management is supplied to support best cabling practices.

## 3) Mighty Mo 20 Rack System



The Mighty Mo 20 rack system is a comprehensive solution that meets the needs of networks requiring greater flexibility, optimum efficiency and superior design. With over 120 new innovative products, the Mighty Mo 20 is designed for any size LAN, SAN or Data Center, any Copper or Fiber media and any Network Equipment. A well designed physical support infrastructure maximizes network performance by minimizing signal loss caused by improper cable support, guarantees the flexibility necessary for future technology, and growth, and increases cooling efficiency through proper airflow management.

## 4) Clarity Patch Cords



Clarity 6A patch cords lead the broad family of Legrand patch cords. Legrand developed and is continuously improving Paralign™ modular plug technology to ensure that Clarity cords offer unsurpassed installed performance. The Clarity patch cord offering is complemented by an extensive line of voice/data grade cords—all built with the same attention to flexibility, efficiency and design.

## 5) Clarity High Density Workstation Faceplates







Clarity high density workstation faceplates provide a low-profile compact design that blends with most environments and comes complete with a textured finish. Accepts snap-in High Density Jacks making field configuration simple. Designed with recessed label fields; these faceplates support TIA 606 labeling standard.

## 6) Clarity High Density Surface Mount Boxes



Clarity high density surface mount boxes provide a low-profile compact design that blends with most environments and comes complete with a textured finish. The snap-on cover design along with the easy loading jack module approach makes for quick installation. Designed with recessed label fields; these surface boxes support TIA 606 labeling standard.

# COPPER JACKS COMPARISON GUIDE

	Clarity®		TechChoice® (Keystone)	
Product Series	TracJack	HDJ	KS	KT2J
	TJx00-XX / TJ6A-XX	HDJx-XX	KSxA-XX	KT2Jx-XX
				
Performance	Premium Performance		Standard Performance	
Workstation/Panel/Both	Workstation	Both	Both	Both
Patch Panel Compatibility	—	Unloaded HD Series	Unloaded SP Series	
Category Rating	5e/6/6a	5e/6/6a	5e/6	5e/6/6a
Termination Method	110 Punch Down	Lacing Cap (crimp)	110 Punch Down	Lacing Cap (crimp)
Loading	Front	Rear	Rear	Rear
Shielded Option	Yes	Yes	Yes	No
Where's the Opportunity	Workstation Applications In: High-Performance Data Networks University Campuses Commercial Leaders Healthcare	Data Centers High-Performance Data Networks University Campuses Commercial Leaders Healthcare	Municipal K-12 Open Spec Commercial	Municipal General Government K-12 Open Spec Commercial
Colors	<ul style="list-style-type: none"> <li>■ Black (-00)</li> <li>■ Blue (-36)</li> <li>■ Cloud White (-88)</li> <li>■ Dark Gray (-78)</li> <li>■ Wiremold Ivory (-99)</li> <li>■ Gray (-68)</li> <li>■ Green (-45)</li> <li>■ Ivory (-13)</li> <li>■ Orange (-43)</li> <li>■ Red (-42)</li> <li>■ Violet (-27)</li> <li>■ Yellow (-44)</li> </ul>	<ul style="list-style-type: none"> <li>■ Black (-00)</li> <li>■ Blue (-36)</li> <li>■ Cloud White (-88)</li> <li>■ Dark Gray (-78)</li> <li>■ Green (-45)</li> <li>■ Ivory (-13)</li> <li>■ Orange (-43)</li> <li>■ Red (-42)</li> <li>■ Violet (-27)</li> <li>■ Yellow (-44)</li> </ul>	<ul style="list-style-type: none"> <li>■ Black (-00)</li> <li>■ Blue (-36)</li> <li>■ Cloud White (-88)</li> <li>■ Wiremold Ivory (-99)</li> <li>■ Gray (-68)</li> <li>■ Green (-45)</li> <li>■ Orange (-43)</li> <li>■ Red (-42)</li> <li>■ Yellow (-44)</li> </ul>	<ul style="list-style-type: none"> <li>■ Black (-00)</li> <li>■ Blue (-36)</li> <li>■ Cloud White (-88)</li> <li>■ Wiremold Ivory (-99)</li> <li>■ Gray (-68)</li> <li>■ Green (-45)</li> <li>■ Orange (-43)</li> <li>■ Red (-42)</li> <li>■ Violet (-27)</li> <li>■ Yellow (-44)</li> </ul>
*Standard color is Fog White. Choose from additional colors by adding suffix designation.				
PoE Rating	Rated for 1.5+ Amps Per Circuit Trace. Supports up to 100W. Arcing Erosion Mitigation.			
Note: Single jacks must be ordered in quantities of 20. Termination tool supplied with HDJ + KT2J				
Additional Connector Types	RCA F-Conn Coax 3.5mm Stereo BNC S-Video Blanks  FIBER: LC, SC, ST	F-Conn Coax HDMI Blanks  FIBER: Duplex LC Simplex SC MPO	S-Video BNC Connector HDMI USB 2.0 3.5mm Audio 1/4" Stereo F-Conn Coax RCA Blanks Fiber: LC, MTRJ, SC, ST	Blanks
*Additional connectors available in limited color options.				

# CLARITY® JACKS

## HIGH DENSITY JACKS-UNSHIELDED (HDJ) (Rear Loading, Lacing Cap Termination)

Clarity high density jacks unshielded (HDJ) are available in Cat5e, Cat6 and Cat6a, featuring lacing cap termination.



HDJ5E-88



HDJ6-45



HDJ6A-36

PART NO.	DESCRIPTION
HDJ5E-XX	Cat5e HDJ Jack, 8-Position, T568A/B
HDJ6-XX	Cat6 HDJ Jack, 8-Position, T568A/B
HDJ6A-XX	Cat6a HDJ Jack, 8-Position, T568A/B
HDJPCT-4PK	Plastic Crimp Tool, 4-Pack
HDJHCT	Heavy Duty, Handled Termination Tool, Metal

NOTE: Standard color is Fog White, requiring no tail code. For other colors, add tail code to end of manufacturer part number from chart below.

Standard quantities sold in packs of 20 (-00, -36, -88 available in bulk packs of 25 - HDJxx25-xx)

### HIGH DENSITY JACKS UNSHIELDED (HDJ) COLOR CHOICES

Standard	-00	-27	-36	-42	-43	-44	-45	-68	-88	-99
FOG WHITE	BLACK	VIOLET	BLUE	RED	ORANGE	YELLOW	GREEN	GRAY	WHITE	WIREMOLD IVORY

## HIGH DENSITY JACKS-SHIELDED (HDJS) (Rear Loading, Lacing Cap Termination)

Clarity high density jacks shielded (HDJS) are available in Cat6 and Cat6a, featuring lacing cap termination with icon slot for port ID.

PART NO.	DESCRIPTION
HDJS6	Cat6 HDJ, Shielded
HDJS6A	Cat6a HDJ, Shielded

## HIGH DENSITY JACK MULTIMEDIA MODULES

Clarity high density jack multimedia modules create a quality solution for your unique installation requirements.

PART NO.	DESCRIPTION
HDJF	HDJ F Connector, F/F 75 Ohm - Fog White
HDJF-00	HDJ F Connector, F/F 75 Ohm - Black
HDJF-88	HDJ F Connector, F/F 75 Ohm - White
HDJHDMI	HDJ HDMI Connector, F/F - Fog White
HDJHDMI-88	HDJ HDMI Connector, F/F - White



HDJF-00

# CLARITY® TRACJACKS

## TRACJACK® (Front Loading, 110-Type Termination)

Clarity TracJacks are designed for the workstation and exceed all TIA component requirements, achieving new levels of performance when installed in a channel.

PART NO.	DESCRIPTION
TJ5E00-XX	Cat5e TracJack, Universal A/B Wiring
TJ5E45-XX	Cat5e TracJack, 45° Exit, Universal A/B Wiring
TJ600-XX	Cat6 TracJack, Universal A/B Wiring
TJ645-XX	Cat6 TracJack, 45° Exit, Universal A/B Wiring
TJ6A-XX	Cat6a TracJack, Universal A/B Wiring

NOTE: Standard color is Fog White, requiring no tail code. For other colors, add tail code to end of manufacturer part number below.  
-00=Black, -36=Blue, -42=Red, -43=Orange, -44=Yellow, -45=Green, -68=Wiremold Gray, -88=White, -99=Wiremold Ivory.



TJ5E45-88



TJ6A-44

## SHIELDED TRACJACK (Front Loading)

Clarity shielded TracJacks, ETL verified to TIA component specification for the workstation.

PART NO.	DESCRIPTION
TJS5E00	Cat5e Shielded TracJack, 180° Exit, Universal A/B Wiring
TJS600	Cat6 Shielded TracJack, 180° Exit, Universal A/B Wiring
TJS6A	Cat6a Shielded TracJack, 180° Exit, Universal A/B Wiring



TJS600



# CLARITY® TRACJACKS

## TRACJACK MULTIMEDIA MODULES

(Front Loading)

PART NO.	DESCRIPTION
63700005*	6P6C, 110, USOC
63700006*	F Connector, F/F
63700023*	BNC Connector, F/F
63700058	RCA to 110, Red Insulation
63700059	RCA Feed Through, White Insulation
63700060	One/RCA Feed Through
63700069*	3.5mm Stereo Jack, F/F
63700087*	Recessed F Connector, F/F
63730003*	Cat3, T568A/B, 110

NOTE: Standard color for TracJack Modules is Fog White.

\*Contact Legrand Sales Department for other color options.



63700069



63700087

## CLARITY JAK-PAKS

The Jak-Pak is a compact, flexible, multi-user solution that can be structurally mounted or used in more temporary environments. Kits come supplied with Cat6 or Cat5e 6-port/110 modules.

PART NO.	DESCRIPTION
JP5E6U	6-Port, Cat5e Jak-Pak Kit with Field Termination
JP66U	6-Port, Cat6 Jak-Pak Kit with Field Termination
60950301	8-Port MUTOA Mac-Pac Kit with TracJack Openings



JP66U

# TECHCHOICE® JACKS

## KEYSTONE KT2 SERIES JACKS (Rear Loading, Lacing Cap Termination)

KT2 jacks, available in Cat6a, Cat6 and Cat5e, represent the next generation of keystone termination. These jacks utilize an installer-friendly lacing cap termination with a free termination tool supplied with every carton.

PART NO.	DESCRIPTION
KT2J6A-XX	KT2J Keystone Jack with New, Time-Saving Lacing Cap Termination (Free termination tool in every carton of 20 jacks)
KT2J6-XX	
KT2J5E-XX	
HDJPCT-4PK	Plastic Crimp Tool, 4-Pack

NOTE: Standard quantities sold in packs of 20 [-00, -36, -88 available in bulk packs of 25]



KT2J6A-43



KT2J6-78



KT2J5E-36



HDJPCT-4PK

## KEYSTONE KS SERIES JACKS (Rear Loading, 110-Type Termination)

KS jacks and modules available in Cat6 and Cat5e feature an easy-to-follow universal wiring label and support standard termination, using a 110-impact tool.

PART NO.	DESCRIPTION
KS6A-XX	Cat6, 8-Position, 180° Exit, T568A/B Wiring, Icon Compatible
KS5EA-XX	Cat5e, 8-Position, 180° Exit, T568A/B Wiring, Icon Compatible
PRTICON-XX	Colored, Icon, 25-Pack

NOTE: Standard quantities sold in packs of 20 [-00, -36, -88 available in bulk packs of 25]



KS6A-88

**NOTE:** Standard color is fog white, requiring no tail code.  
Replace XX with the color suffix shown chart below.

### JACK COLOR CHOICES

#### COLOR SUFFIX

Standard	-00	-13	-27*	-36	-42	-43	-44	-45	-78	-88	-99
FOG WHITE	BLACK	ELECTRICAL IVORY	VIOLET	BLUE	RED	ORANGE	YELLOW	GREEN	GRAY	WHITE	WIREMOLD IVORY

**Note:** \*Violet is available for KT2 Series only.

# TECHCHOICE® JACKS

## SHIELDED KEYSTONE JACKS (Available in early 2019) (Rear Loading, 110-Type Termination)

Rear loading shielded keystone jacks are available in Cat6 and Cat6a, featuring self termination with icon slot for port ID.

PART NO.	DESCRIPTION
KSFTP6	Cat6 FTP KS Jack, Self Termination w/Icon Slot for Port ID
KSFTP6A	Cat6a FTP KS Jack, Self Termination w/Icon Slot for Port ID

NOTE: Only available in packs of 25

## MULTIMEDIA KEYSTONE MODULES (Rear Loading, Pass Through)

TechChoice multimedia keystone modules support a variety of A/V connector types, creating a quality solution for your unique installation requirements.

PART NO.	DESCRIPTION
KSSV	S-Video, 110 Termination
KSSVIDC	S-Video, F/F
KSBNC	BNC Connector, 50 Ohm, F/F
KSBNC75	BNC Connector, 75 Ohm, F/F
KSHDMI	HDMI, F/F
KSUSBAA	USB 2.0, Type A to A, F/F
KSUSBAB	USB 2.0, Type A to B, F/F
KS35STST	3.5mm Audio Jack, Screw Termination
KS35ST*	3.5mm Audio Jack, F/F
KSB10*	Blank, 10-Pack
KS14ST	1/4" Stereo Jack
KSFCNR	F-Connector, 75 Ohm, F/F

NOTE: Standard color is fog white, requiring no tail code. Add -99 for Wiremold ivory.

\*Also available in -88 cloud white and -13 electrical ivory.

## ICON INSERT

Clips easily in to any TechChoice category keystone jack or patch panel for Port ID.

PART NO.	DESCRIPTION
PRTICON-XX	Colored Icon Insert, 25-Pack

NOTE: Standard color is fog white, requiring no tail code.

Add -13 for electrical ivory, -88 for cloud white or -99 for Wiremold ivory.



KSFCNR



KSHDMI



KSUSBAA



KSUSBAB

# CLARITY® WORKSTATION MOUNTING

## HDJ WORKSTATION FACEPLATES & FURNITURE PLATES

HDJ furniture mounting plate accepts HDJ series jacks or modules.

PART NO.	DESCRIPTION
403HDJ11	1-Port Faceplate, HDJ Jack, Single-Gang
403HDJ12	2-Port Faceplate, HDJ Jack, Single-Gang
403HDJ13	3-Port Faceplate, HDJ Jack, Single-Gang
403HDJ14	4-Port Faceplate, HDJ Jack, Single-Gang
403HDJ16	6-Port Faceplate, HDJ Jack, Single-Gang
403HDJ212	12-Port Faceplate, HDJ Jack, Dual-Gang
421HDJ4	4-Port HDJ Furniture Plate, TIA-569 Opening
419HDJ4	4-Port HDJ Rectangular Stylistics Frame
AB2HDJ	2-Port Bezel AB, HDJ, Fits WM RFB4 RT Series Brackets, 10-Pack
HDJTJA20*	HDJ TracJack Adapter - Fog White, 20-Pack

NOTE: Standard color is Fog White. Add -88 for White, -00 for Black or -78 for Gray  
 \*Also available in Ivory -13.



HDJTJA20



403HDJ14

## HDJ SURFACE MOUNT BOXES

Compatible with HDJ series jacks. Screws and double-sided adhesive tape are included for mounting onto almost any surface.

PART NO.	DESCRIPTION
404HDJ1-XX	1-Port HDJ Plastic Surface Mount Box, <b>Plenum Rated</b>
404HDJ2-XX	2-Port HDJ Plastic Surface Mount Box, <b>Plenum Rated</b>
404HDJ4-99	4-Port HDJ Plastic Surface Mount Box - Ivory
404HDJ4	4-Port HDJ Plastic Surface Mount Box - Fog White

Include snap-in label fields.

Standard color is Fog White. Replace -XX with -88 for White



404HDJ1-88



404HDJ4-99

## TRACJACK STAINLESS STEEL FACEPLATES

Faceplates accept TracJack series jacks and front loading TracJack modules.

PART NO.	DESCRIPTION
403STJ11	1-Port TracJack Single-Gang Stainless Steel Faceplate
403STJ12	2-Port TracJack Single-Gang Stainless Steel Faceplate
403STJ13	3-Port TracJack Single-Gang Stainless Steel Faceplate
403STJ14	4-Port TracJack Single-Gang Stainless Steel Faceplate
403STJ16	6-Port TracJack Single-Gang Stainless Steel Faceplate
403STJ28	8-Port TracJack Double-Gang Stainless Steel Faceplate
403STJ212	12-Port TracJack Double-Gang Stainless Steel Faceplate



403STJ212

# CLARITY® WORKSTATION MOUNTING

## TRACJACK PLASTIC FACEPLATES

Faceplates accept TracJack series jacks with label fields and front loading TracJack modules.

PART NO.	DESCRIPTION
40300549	1-Port TracJack Single-Gang Plastic Faceplate
40300548	2-Port TracJack Single-Gang Plastic Faceplate
40300547	3-Port TracJack Single-Gang Plastic Faceplate
40300546	4-Port TracJack Single-Gang Plastic Faceplate
40300545	6-Port TracJack Single-Gang Plastic Faceplate
40300555	6-Port TracJack Dual-Gang Plastic Faceplate
40300554	8-Port TracJack Dual-Gang Plastic Faceplate
40300620	12-Port TracJack Dual-Gang Plastic Faceplate

NOTE: Available in multiple colors – visit [www.legrand.us](http://www.legrand.us) to view all options.



40300549



40300554

## TRACJACK FURNITURE PLATES

Compatible with TracJack series jacks.

PART NO.	DESCRIPTION
40300633*	4-Port for Opening of 2.67–2.75" x 1.34–1.41" for 0.065" Thick Material
40300577	4-Port for Opening Size of 2.35" x 3.41" (+0.015) for 0.125" Thick Material
40300576	6-Port for Opening Size of 2.35" x 3.41" (+0.015) for 0.125" Thick Material
40300575	6-Port for Opening Size of 1.89" x 2.99" (+0.015) for 0.063" Thick Material
42100009	3-Port Adapter Plate, Front Loadable



40300633-00



40700072

Products below must be used with 42100009

40700071	0.125" Deep Bezel Mounts Adapter Plate to 2.71" x 1.38" (+0.035) Opening
40700072*	0.625" Deep Bezel Mounts Adapter Plate to 2.71" x 1.38" (+0.035) Opening
40700073*	1.0" Deep Bezel Mounts Adapter Plate to 2.71" x 1.38" (+0.035) Opening

\* Includes recessed label fields.

NOTE: Standard color is Fog White. Add -88 for White, -00 for Black or -78 for Gray

## TRACJACK SURFACE MOUNT BOXES

Compatible with TracJack series jacks. Product dimensions are listed by length, width and height.

PART NO.	DESCRIPTION
404TJ1	1-Port TracJack, <b>Plenum Rated</b>
404TJ2	2-Port TracJacks, 2.59" x 2.27" x 1.20", <b>Plenum Rated</b>
404TJ4	4-Port TracJacks, 4.80" X 3.6" X 1.16"
404TJ2X2	4-Port TracJacks, 4.0" x 2.42" x 1.16", Jacks Exit from Both Sides



404TJ1

Available in multiple colors – visit [www.legrand.us](http://www.legrand.us) to view all options.

# TECHCHOICE® WORKSTATION MOUNTING

## FACEPLATES WITH LABEL FIELDS

TechChoice faceplates with label fields are available in thermoplastic and stainless steel, with a variety of port capacities to match your workstation applications. All faceplates allow for a flush jack finish. Compatible with KS, KT2 and KSFTP series jacks.

* Plastic Faceplates	Stainless Steel Faceplates	DESCRIPTION
KSFP1-XX	KSSS1	Single-Gang, One Keystone
KSFP2-XX	KSSS2	Single-Gang, Two Keystone
KSFP3	KSSS3	Single-Gang, Three Keystone
KSFP4-XX	KSSS4	Single-Gang, Four Keystone
KSFP6	KSSS6	Single-Gang, Six Keystone
KSFP8	—	Dual-Gang, Eight Keystone

NOTE: Standard color is fog white, requiring no tail code.  
Add -13 for electrical ivory, -88 for cloud white, -99 for Wiremold ivory.

\*Part Number with -XX available in black (-00)



KSFP2



KSSS3

## PLASTIC FACEPLATES WITHOUT LABEL FIELDS

TechChoice faceplates without label fields have a clean appearance and are configurable, providing site flexibility for new or retrofit applications. Compatible with KS, KT2 and KSFTP series jacks.

PART NO.	DESCRIPTION
KSFP1	Single-Gang, One Keystone
KSFP2	Single-Gang, Two Keystone
KSFP4	Single-Gang, Four Keystone

NOTE: Standard color is fog white, requiring no tail code.  
Add -13 for electrical ivory, -88 for cloud white or -99 for Wiremold ivory.



KSFP1



KSFP4

# TECHCHOICE® WORKSTATION MOUNTING

## PLASTIC RECTANGULAR GFCI & 106 FRAMES (Electrical Outlet Style)

TechChoice frames support many cable delivery systems and are compatible with rectangular or duplex electrical faceplates. Compatible with KS, KT2 and KSFTP series jacks.

PART NO.	DESCRIPTION
KSDS2	Stylistic Rectangular Frame, Two Keystones
KSDS3	Stylistic Rectangular Frame, Three Keystones
KSDS4	Stylistic Rectangular Frame, Four Keystones
KS106S2	106 Style Frame, Two Keystones
KS106S4	106 Style Frame, Four Keystones

NOTE: Standard color is fog white, requiring no tail code.  
Add -13 for electrical ivory, -88 for cloud white or -99 for Wiremold ivory.



KSDS4



KS106S2-88

## SURFACE MOUNT BOXES & FURNITURE PLATES

TechChoice surface mount boxes accept rear loading keystone and KT2J series jacks.

PART NO.	DESCRIPTION
KSSMB1	1.5" x 2.5" x 1.2", UL 2043, One Keystone, <b>Plenum Rated</b>
KSSMB2	2.42" x 2.18" x 1.16", UL 2043, Two Keystones, <b>Plenum Rated</b>
KSSMB4	4.78" X 3.6" X 1.14", Four Keystones
KSSMB6	6.76" X 3.6" X 1.14", Six Keystones
KSFURN4	Slim Profile Plate, Four Keystones, T569a Opening
40300630-00	Four Keystone Jacks, T569a Opening - Black

NOTE: Standard color is fog white, requiring no tail code.  
Add -13 for electrical ivory, -88 for cloud white or -99 for Wiremold ivory.



KSSMB2



KSSMB4

## DEVICE PROTECTION ADAPTERS




Quick release device protection adapters protect IT equipment and eliminate trip hazards by reducing pull-out force for applications that require a hard wired connection to the LAN. Backward compatible to Cat6 and Cat5e.

PART NO.	DESCRIPTION
DPA6A5PK-09	Cat6a Device Protection Adapter - White
DPA6A5PK-08	Cat6a Device Protection Adapter - Gray



DPA6A5PK-09

# PATCH PANEL SELECTION GUIDE

	Clarity®		
Product Family	PH Series	Unloaded HD Series	Unloaded SP Series Flush Mount (Keystone)
			
Sample Part Number	PHA5E6U24-XX	PHAHJU24-XX	SPKFU24
Performance	Premium	Premium	Standard
Jack Panel Footprint	Modular	HDJ	KS, KT2J Keystone
Termination Method	110 -Type	Lacing Cap	110 Type (KS) Lacing Cap (KT2J)
Category	5e/6/6a	—	—
Colors	Black, White	Black, White	Black
Jack Loading	—	Rear	Rear
Profile	Flat or Angled	Flat or Angled	Flat or Angled
# Rack Units	1(24p) 2(48p)	1(24p, 48p) 2(48p, 72p)	1(24p) 2(48p)



## TechChoice®

Unloaded SP Series (Keystone)	Unloaded SP Series Bezel (Keystone)	SP Series
----------------------------------	--	-----------



SPKSU24



SPKFBU24-XX



SPA6U24-XX

Standard	Standard	Standard
KS, KT2J Keystone	KS, KT2J Keystone	Modular
110 Type (KS) Lacing Cap (KT2J)	110 Type (KS) Lacing Cap (KT2J)	110 -Type
—	—	5e/6/6a
Black	Black, White	Black
Rear	Front or Rear	—
Flat or Angled	Flat	Flat or Angled
1(24p) 2(48p)	1(24p) 2(48p)	1(24p) 2(48p)

# CLARITY® PATCH PANELS

## MODULAR PATCH PANELS

24 and 48-port patch panels are available in the traditional multi-port panel format with 6-port modules for Cat5e, Cat6 and Cat6a.

### CATEGORY 5E WITH 6-PORT MODULES

Flat		Angled	
BLACK	WHITE	BLACK	WHITE
PART NO.		DESCRIPTION	
PHD5E6U24	PHD5E6U24 -W	PHA5E6U24	PHA5E6U24-W
PHD5E6U48	PHD5E6U48-W	PHA5E6U48	PHA5E6U48-W



PHD5E6U24

### CATEGORY 6 WITH 6-PORT MODULES

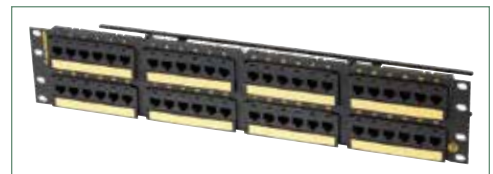
Flat		Angled	
BLACK	WHITE	BLACK	WHITE
PART NO.		DESCRIPTION	
PHD66U24	PHD66U24-W	PHA66U24	PHA66U24-W
PHD66U48	PHD66U48-W	PHA66U48	PHA66U48-W



PHA66U48

### CATEGORY 6A WITH 6-PORT MODULES

Flat		Angled	
BLACK	WHITE	BLACK	WHITE
PART NO.		DESCRIPTION	
PHD6AU24	PHD6AU24 -W	PHA6AU24	PHA6AU24-W
PHD6AU48	PHD6AU48-W	PHA6AU48	PHA6AU48-W



PHD6AU48

### MODULAR TO MINI PATCH PANELS

PART NO.		DESCRIPTION
CAT5E	CAT6	
PMP5E12H	PMP612H	12-Port Mini Patch Panel, Hinged Mounting, T568A/B
PMP5E1289	PMP61289	12-Port Mini Patch Panel, 89D Mounting, T568A/B



PMP5E1289



PMP612H

# CLARITY<sup>®</sup> PATCH PANELS

## UNLOADED PATCH PANELS

24, 48 and 72-port Clarity HDJ unloaded patch panels. Available in flat and angled.

### HDJ PATCH PANELS

#### (Rear Loading)

Accepts HDJ series jacks.



PHAHJU72-W

Flat		Angled		DESCRIPTION
BLACK	WHITE	BLACK	WHITE	
PART NO.				
PHDHJU24	PHDHJU24-W	PHAHJU24	PHAHJU24-W	24-Port HDJ Unloaded Patch Panel, 1RU
PHDHJU48	PHDHJU48-W	PHAHJU48	PHAHJU48-W	48-Port HDJ Unloaded Patch Panel, 1RU
PSDHJU48	PSDHJU48-W	PSAHJU48	PSAHJU48-W	48-Port HDJ Unloaded Patch Panel, 2RU
PHDHJU72	PHDHJU72-W	PHAHJU72	PHAHJU72-W	72-Port HDJ Unloaded Patch Panel, 2RU

## SHIELDED UNLOADED PATCH PANELS

24 and 48-port Clarity HDJ shielded, unloaded patch panels. Available in flat and angled.

### HDJ SHIELDED PATCH PANELS (Available in early 2019)

Accepts HDJS series jacks.

Flat		Angled		DESCRIPTION
BLACK	WHITE	BLACK	WHITE	
PART NO.				
PHDHDJSU24	PHDHDJSU24-W	PHAHDJSU24	PHAHDJSU24-W	24-Port HDJ Shielded, Unloaded Patch Panel, 1RU
PHDHDJSU48	PHDHDJSU48-W	PHAHDJSU48	PHAHDJSU48-W	48-Port HDJ Shielded, Unloaded Patch Panel, 1RU
PSDHDJSU48	PSDHDJSU48-W	PSAHDJSU48	PSAHDJSU48-W	48-Port HDJ Shielded, Unloaded Patch Panel, 2RU

# TECHCHOICE® PATCH PANELS

## MODULAR PATCH PANELS

24 and 48-port TechChoice patch panels are available in the traditional multi-port panel format with 6-port modules for Cat5e, Cat6 and Cat6a.

### PATCH PANELS WITH 6-PORT MODULES

CATEGORY	PART NO.		DESCRIPTION
	FLAT	ANGLED	
5e	SP5EU24	SPA5EU24	24-Port, Cat5e Modular Patch Panel, T568A/B, 1RU
5e	SP5EU48	SPA5EU48	48-Port, Cat5e Modular Patch Panel, T568A/B, 2RU
6	SP6U24	SPA6U24	24-Port, Cat6 Modular Patch Panel, T568A/B, 1RU
6	SP6U48	SPA6U48	48-Port, Cat6 Modular Patch Panel, T568A/B, 2RU
6a	SP6AU24	SPA6AU24	24-Port, Cat6a Modular Patch Panel, T568A/B, 1RU
6a	SP6AU48	SPA6AU48	48-Port, Cat6a Modular Patch Panel, T568A/B, 2RU



SPA5EU48



SPA6U48



SPA6AU24

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- Extensive Inventory
- Training

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# TECHCHOICE® PATCH PANELS

## UNLOADED PATCH PANELS

24 and 48-port TechChoice keystone unloaded patch panels accept KT2, KSFTP and KS series jacks. Patch panels are also available to support individual keystone jacks: Cat5e, Cat6 and Cat6a jacks and multimedia (sold separately).

## KEYSTONE PATCH PANELS

Accepts KT2 and KS series jacks and modules.



SPAKSU48

PART NO.		DESCRIPTION
FLAT	ANGLED	
SPKSU24	SPAKSU24	24-Port Unloaded, for KS and KT2 Series Jacks, 1RU
SPKSU48	SPAKSU48	48-Port Unloaded, for KS and KT2 Series Jacks, 2RU
SPKFU24	SPAKFU24	24-Port Flush Mount, Unloaded, for KS and KT2 Series Jacks, 1RU
SPKFU48	SPAKFU48	48-Port Flush Mount, Unloaded, for KS and KT2 Series, 2RU
SPKFBU24	—	24-Port Front-Loading, Unloaded, with Bezels for KS and KT2 Series Jacks, 1RU - Black
SPKFBU48	—	48-Port Front-Loading, Unloaded, with Bezels for KS and KT2 Series Jacks, 2RU - Black
SPKFBU24-W	—	24-Port Front-Loading, Unloaded, with Bezels for KS and KT2 Series Jacks, 1RU - White
SPKFBU48-W	—	48-Port Front-Loading, Unloaded, with Bezels for KS and KT2 Series Jacks, 2RU - White



PHDTKSU24



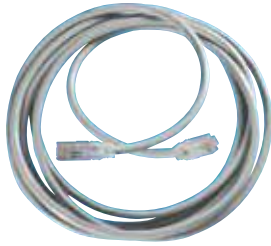
PHATKSU48

## SHIELDED KEYSTONE PATCH PANELS

Accepts KSFTP series jacks and modules.

PART NO.		DESCRIPTION
FLAT	ANGLED	
PHDTKSU24	PHATKSU24	24-Port Unloaded Shielded Patch Panel without Jacks, 1RU
PHDTKSU48	PHATKSU48	48-Port Unloaded Shielded Patch Panel without Jacks, 2RU

# PATCH CORD SELECTION GUIDE



	PREMIUM		
Range	Premium		
Performance	C5e	C6	C6a
Part Number Prefix	MC5E	MC6	MC6A
PoE Rating	60W	100W	100W
Cable Type	UTP & FTP	UTP & FTP	UTP & FTP
Boot Type	Snagless		
Certification	TIA Component and Channel Compliant, with ETL Verification		
System Warranty	nCompass Premium, Smart Building		
Country of Origin	North America (TAA & BAA)		
Lead Time	4 Days (Stocked)		
EZ Patch	Box & Flat Pack		
Stocked Colors	Black, Blue, Gray, Green, Orange, Purple, Pink, Red, White, Yellow		

## Additional Options:

PowerWise (POE)	✓	—	—
PowerWise Colors	Black, Blue, Purple, White		
Reduced Diameter(28 AWG)	—	✓	✓
Reduced Diameter Cord Colors	Black, Blue, Gray, Green, Red, White, Yellow		



## STANDARD

STANDARD		
Standard		
C5e	C6	C6a
570	576	576-A
30W	30W	30W
UTP	UTP & FTP	UTP
Snagless & Non-Booted		Snagless
TIA Channel Compliant		
nCompass Standard		
China		
1 Day (Stocked)		
—		
Black, Blue, Gray, Green, Orange, Purple, Red, White, Yellow		

—	—	—
—	—	—
—	✓	✓
Black, Blue, Gray, Green, Orange, Purple, Pink, Red, White, Yellow		

## MADE TO ORDER

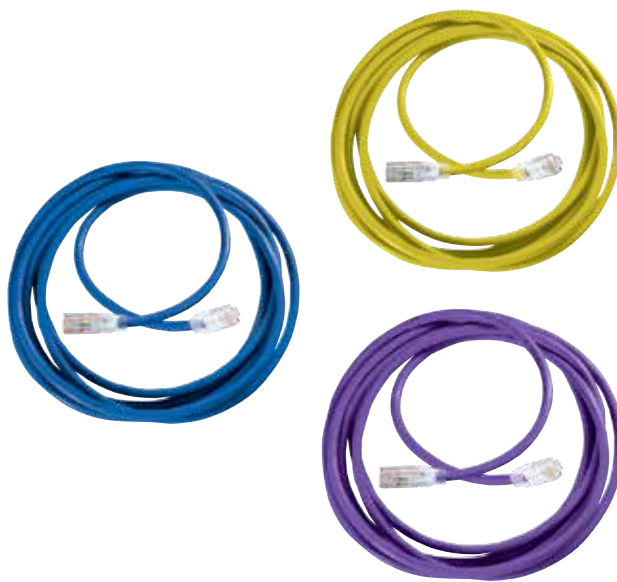
Copper patch cords are available in custom configurations per request.

- Premium + Standard
- Category
- Boot Type
- Color
- Length

All custom copper patch cords are TAA, BAA and TIA compliant. Contact customer service for details.

# CLARITY® PATCH CORDS

Clarity patch cords feature stranded conductors, combining performance with flexibility for simple cable management.



<b>CAT5E</b>	<b>PATCH CORD</b>
	MC5EYY-XX

<b>CAT6</b>	<b>PATCH CORD</b>	<b>PATCH CORD SHIELDED</b>	<b>28 AWG REDUCED DIAMETER</b>
	MC6YY-XX	MCS6YY-XX	RDC6YY-XX

<b>CAT6A</b>	<b>PATCH CORD</b>	<b>PATCH CORD SHIELDED</b>	<b>28 AWG REDUCED DIAMETER</b>
	MC6AYY-XX	MCS6AYY-XX	RDC610YY-XX

**NOTE:** Visit [Legrand.us](http://Legrand.us) for more details. Please refer to customer support team for custom configuration: **1.800.934.5432 Ext. 3**

## PATCH CORD LENGTH AND COLOR CHOICES

Replace YY with length suffix and XX with color suffix found in the chart below:

### LENGTH SUFFIX

01=1ft	02=2ft	03=3ft	04=4ft	05=5ft	06=6ft	07=7ft	08=8ft	09=9ft
10=10ft	11=11ft	12=12ft	13=13ft	14=14ft	15=15ft	20=20ft	25=25ft	

### COLOR SUFFIX

<b>-00</b>	<b>-02</b>	<b>-03</b>	<b>-04</b>	<b>-05</b>	<b>-06</b>	<b>-07</b>	<b>-08</b>	<b>-09</b>	<b>-11</b>
									
BLACK	RED	ORANGE	YELLOW	GREEN	BLUE	VIOLET	GRAY	WHITE	PINK



# POWERWISE® PRE-TERMINATED ASSEMBLIES

## 1G SOLID CABLE ASSEMBLIES

PowerWise 1G 4PPoE cables provide Industry-Leading performance and overall value for 4-Pair Power over Ethernet (4PPoE) applications requiring up to 100W of power and up to 1 Gigabit Ethernet—making them ideal for high power, low data applications like PoE lighting. PowerWise 1G 4PPoE cables are specifically designed to mitigate temperature build up, offer exceptional energy efficiency, and ensure above-the-standard performance (up to 1 Gigabit Ethernet) over the lifetime of the cable.

### CAT5E 1G SOLID CABLE ASSEMBLIES - PLENUM

PW5EPYYDB-XX

### CAT5E 1G SOLID CABLE ASSEMBLIES - RISER

PW5ERYYYDB-XX

NOTE: Replace YY with the length suffix and replace XX with the color suffix shown in the chart below.



PW5EP30DB-07

## 10G SOLID CABLE ASSEMBLIES

PowerWise 10G 4PPoE cables provide exceptional performance for 4-Pair Power Over Ethernet (4PPoE) applications requiring up to 100W of power and up to 10 Gigabit Ethernet—making them ideal for high power, high data applications. PowerWise 10G 4PPoE cables are specifically designed to mitigate temperature build up, offer exceptional energy efficiency, and ensure above-the-standard performance (up to 10 Gigabit Ethernet) over the lifetime of the cable.

### CAT6A 10G SOLID CABLE ASSEMBLIES - PLENUM

PW6APYYDB-XX

### CAT6A 10G SOLID CABLE ASSEMBLIES - RISER

PW6ARYYYDB-XX

NOTE: Replace YY with the length suffix and replace XX with the color suffix shown in the chart below.




## POWERWISE LENGTH AND COLOR CHOICES

Replace YY with length suffix and XX with color suffix found in the chart below:

### LENGTH SUFFIX

03=3ft	05=5ft	10=10ft	15=15ft
20=20ft	25=25ft	30=30ft	35=35ft
40=40ft	45=45ft	50=50ft	60=60ft
70=70ft	80=80ft	90=90ft	100=100ft

### COLOR SUFFIX

-00	-06	-07	-09
			
BLACK	BLUE	VIOLET	WHITE

# STANDARD PATCH CORDS



SNAGLESS



NON-BOOTED



SHIELDED

CAT5E		CAT6		CAT6A	
Snagless	570-XXX-YYY	Snagless	576-XXX-YYY	Snagless	576-XXX-YYY
Non-Booted	560-XXX-YYY	Non-Booted	566-XXX-YYY	—	—
—	—	Shielded Booted	576-XXX-YYY	—	—

**NOTE:** Replace XXX with color suffix and YYY with length suffix shown in chart below.  
Visit [Legrand.us](http://Legrand.us) for more details. Please refer to customer service team for custom configuration.

COLOR SUFFIX (XXX)		
COLOR	CAT 5E/6	CAT 6A
Gray	100	00
Blue	110	10
Yellow	115	15
Green	120	20
White	125	25
Red	130	30
Black	135	35
Orange	140	40
Purple	145	45

LENGTH SUFFIX (YYY)			
LENGTH	CAT5E	LENGTH	CAT6/6A
1-7ft	001 – 007	1ft	001
10ft	010	3ft	003
14ft	014	5ft	005
15ft	015	7ft	007
20ft	020	10ft	010
25ft	025	14ft	014
50ft	050	25ft	025
75ft	075	50ft	050
100ft	100	100ft	100

## MADE TO ORDER (MTO)

### PREMIUM AND STANDARD COPPER PATCH CORDS

Legrand can meet the unique needs of each individual customer. Whether it is a modified stock cable or a completely custom solution, Legrand has the resources and experience to quickly deliver. We provide the highest quality products, knowledgeable consultants, and the most competitive prices. All custom copper patch cords are TAA, BAA and TIA compliant. Please contact the corresponding customer service number below for premium and standard cords:

	PREMIUM	STANDARD
Customer Service Contact	1-800-934-5432 Ext. 3 for Premium MTO configurations	1-800-361-0471 for Standard MTO configurations
Category	Cat5e, Cat6, Cat6a	
Country of Origin	North America (TAA & BAA)	
Customizable Options	Cable Type, Boot Type, Color, Length	



# We Have the Guts to Keep You Up and Running

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# EZ PATCH™

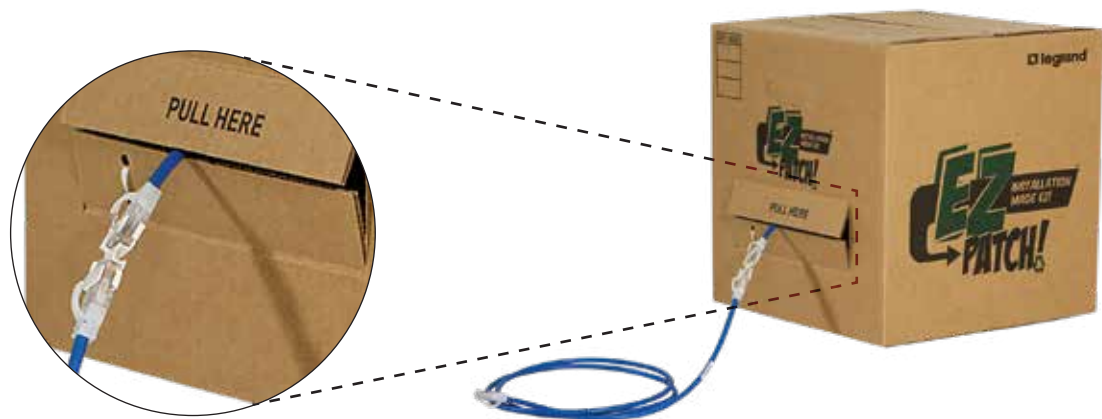
## EZ PATCH BOX SOLUTION

The EZ Patch Box Solution is a revolutionary way to dispense and manage patch cords, reducing installation time and waste. There are no bags to open, tie wraps to undo or straightening necessary—the cords dispense one after another, ready to install. With EZ Patch, staging areas are clean, neat, and completely organized.

## FEATURES

- **Dispenses Patch Cords Quickly and Easily:** Reduces staging and installation time
- **Eliminates Trash from Opening Bags:** A green, friendly approach to packaging patch cords
- **Provides a More Orderly Staging Approach:** Eliminates errors and tangles from traditional staging
- **Tested and Verified:** Factory tested and ETL third party tested and verified to TIA/EIA 568C.2
- **Paralign 2 Pair-Positioning Technology:** Maintains pair integrity through the plug termination, allowing mating hardware to be designed/tuned to these cords
- **Snagless Plug Design:** Protects plugs when pulling through pathways or cable managers
- **Premium Conductor Cordage:** Reliable performance and durable cord life





### PART NUMBER KEY

LABELS	EZ PATCH	CAT6a	Length 3ft	Quantity 50	Color Blue
PART NUMBER EXAMPLE: Ezc6A03Q50-06	EZ	C6A	03	Q50	-06

## CLARITY CAT5E EZ PATCH

LENGTH	GRAY	BLUE	GREEN	YELLOW	WHITE
3ft	—	Ezc5E03Q50-06	Ezc5E03Q50-05	—	—
5ft	Ezc5E05Q50-08	Ezc5E05Q50-06	Ezc5E05Q50-05	—	Ezc5E05Q50-09
7ft	Ezc5E07Q50-08	Ezc5E07Q50-06	Ezc5E07Q50-05	—	Ezc5E07Q50-09
9ft	Ezc5E09Q40-08	Ezc5E09Q40-06	—	Ezc5E09Q40-04	Ezc5E09Q40-09
10ft	—	Ezc5E10Q40-06	—	—	—
15ft	Ezc5E15Q25-08	Ezc5E15Q25-06	Ezc5E15Q25-05	Ezc5E15Q25-04	Ezc5E15Q25-09

## CLARITY CAT6 EZ PATCH

LENGTH	GRAY	BLUE	GREEN	RED	YELLOW	WHITE
3ft	Ezc603Q50-08	Ezc603Q50-06	Ezc603Q50-05	—	Ezc603Q50-04	Ezc603Q50-09
5ft	Ezc605Q50-08	Ezc605Q50-06	Ezc605Q50-05	Ezc605Q50-02	Ezc605Q50-04	Ezc605Q50-09
7ft	Ezc607Q50-08	Ezc607Q50-06	Ezc607Q50-05	Ezc607Q50-02	Ezc607Q50-04	Ezc607Q50-09
9ft	Ezc609Q40-08	Ezc609Q40-06	Ezc609Q40-05	Ezc609Q40-02	Ezc609Q40-04	Ezc609Q40-09
10ft	—	Ezc610Q40-06	Ezc610Q40-05	Ezc610Q40-02	Ezc610Q40-04	Ezc610Q40-09
15ft	Ezc615Q25-08	Ezc615Q25-06	Ezc615Q25-05	Ezc615Q25-02	Ezc615Q25-04	Ezc615Q25-09

## CLARITY CAT6 EZ PATCH REDUCED DIAMETER

LENGTH	BLUE	WHITE
3ft	Ezrd603Q100-06	Ezrd603Q100-09
5ft	Ezrd605Q90-06	Ezrd605Q90-09
7ft	Ezrd607Q80-06	Ezrd607Q80-09

## CLARITY CAT6A EZ PATCH

LENGTH	BLUE	GREEN
3ft	Ezc6A03Q50-06	Ezc6A03Q50-05
5ft	Ezc6A05Q50-06	Ezc6A05Q50-05
7ft	Ezc6A07Q40-06	Ezc6A07Q40-05
9ft	Ezc6A09Q30-06	Ezc6A09Q30-05
15ft	Ezc6A15Q20-06	—

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## EZ PATCH FLAT PACKS

The EZ Patch Flat Pack is an innovative addition to the EZ Patch series, allowing a 12 or 24-pack of cords to be distributed from flat plastic packaging, which is ideal for patch panel applications. The reduced diameter is ideal for high density data center applications. The smaller cable surface area allows for increased airflow and a smaller bend radius, which makes it easy to route through cable management panels.



## FEATURES

- **Reduced Diameter:** 28 AWG is ideal for high density data centers and provides increased airflow
- **Bulk Packaging:** Reduces installation time and packaging waste, no dealing with individual bags or zip ties
- **No Cord Memory:** Packs are laid out flat in a bundle
- **Plastic Packaging:** Ideal for data center applications that do not allow cardboard
- **Lightweight Design:** Installers can easily carry the bag over their shoulder
- **Easy Tear Perforation Strips:** Tears at each end allow for quick connection or easy removal of cords
- **Cable Management:** Bag can be used as a fishing mechanism to route a bundle through a vertical manager
- **Available in Packs of 12 or 24:** Quantities ideal for patch panel applications

## CLARITY CAT6 EZ PATCH FLAT PACK REDUCED DIAMETER

PART NO.	DESCRIPTION
EZFPR603Q24-XX	3ft Cat6 EZ Patch Flat Pack Reduced Diameter, 24-Pack
EZFPR605Q24-XX	5ft Cat6 EZ Patch Flat Pack Reduced Diameter, 24-Pack
EZFPR607Q24-XX	7ft Cat6 EZ Patch Flat Pack Reduced Diameter, 24-Pack
EZFPR609Q24-XX	9ft Cat6 EZ Patch Flat Pack Reduced Diameter, 24-Pack
EZFPR603Q12-XX	3ft Cat6 EZ Patch Flat Pack Reduced Diameter, 12-Pack
EZFPR605Q12-XX	5ft Cat6 EZ Patch Flat Pack Reduced Diameter, 12-Pack
EZFPR607Q12-XX	7ft Cat6 EZ Patch Flat Pack Reduced Diameter, 12-Pack
EZFPR609Q12-XX	9ft Cat6 EZ Patch Flat Pack Reduced Diameter, 12-Pack

To order standard colors, replace xx suffix: -06 = blue, -00 = black, -09 = white, -08 = gray



EZFPR603Q24-06



EZFPR603Q24-00

## CLARITY CAT6A EZ PATCH FLAT PACK REDUCED DIAMETER

PART NO.	DESCRIPTION
EZFPR6A03Q24-XX	3ft Cat6a EZ Patch Flat Pack Reduced Diameter, 24-Pack
EZFPR6A05Q24-XX	5ft Cat6a EZ Patch Flat Pack Reduced Diameter, 24-Pack
EZFPR6A07Q24-XX	7ft Cat6a EZ Patch Flat Pack Reduced Diameter, 24-Pack
EZFPR6A09Q24-XX	9ft Cat6a EZ Patch Flat Pack Reduced Diameter, 24-Pack
EZFPR6A03Q12-XX	3ft Cat6a EZ Patch Flat Pack Reduced Diameter, 12-Pack
EZFPR6A05Q12-XX	5ft Cat6a EZ Patch Flat Pack Reduced Diameter, 12-Pack
EZFPR6A07Q12-XX	7ft Cat6a EZ Patch Flat Pack Reduced Diameter, 12-Pack
EZFPR6A09Q12-XX	9ft Cat6a EZ Patch Flat Pack Reduced Diameter, 12-Pack

To order standard colors, replace xx suffix: -06 = blue, -00 = black, -09 = white, -08 = gray



EZFPR603Q24-09



EZFPR603Q24-08

**Note:** Also available in TechChoice. Please contact customer service for details.

# ACTIVE NETWORKING

## TRANSCEIVERS



Legrand transceivers, powered by Integra, are TAA compliant and are capable of all the functions and features supported by their OEM counterparts. Each transceiver is rigorously tested to ensure 100% compatibility with the same equipment as their OEM equivalents. With 265 transceivers in stock, as well as over 4,000 others available for shipping within 1-3 business days—finding the right transceiver for any application is fast and simple.



Our Transceivers are compatible with these OEMs and more:



### QSFP28

- High speed 100-Gb connectivity
- Maximum connections up to 10km



### CFP2

- High speed 100-Gb connectivity
- Maximum connections up to 10km



### CFP

- High speed 100-Gb connectivity
- Maximum connections up to 10km



### QSFP+

- High speed 40-Gb connectivity
- Maximum connections up to 10km



### XFP

- 10-Gb connectivity
- Maximum connections up to 300m or 10km



### SFP

- 100-Mb to 1-Gb connectivity
- Maximum connections of 300m or 120km



### SFP+

- 10-Gb connectivity
- Maximum connections up to 550m or 80km



### COPPER SFP

- 10-Mb, 100-Mb, and 1-Gb connectivity
- Maximum connections up to 100m



### GBIC

- 100-Mb and 1-Gb connectivity
- Maximum connections of 100m or 10km



### AOC (SFP+, QSFP+, QSFP28)

- 10 to 100-Gb connectivity
- Maximum connections up to 100m



### QSFP+ & QSFP28 DAC

- High speed 40-100Gb connectivity
- Maximum connections up to 7m Passive and 10m Active



### SFP+ DAC

- 10-Gb connectivity
- Maximum connections up to 7m Passive and 15m Active



# INTELLICORE™ SOFTWARE MANAGED CONNECTIVITY

As networks become more complex and increasingly distributed to support digital transformation, IoT and edge computing, IT teams require better visibility, monitoring, and remote management of the physical layer. The Intellicore solution from Legrand solves those challenges by providing intelligence, embedded diagnostics, monitoring, and control. The solution set includes intelligent patching systems, intelligent cross connects, and intelligent cabling systems, all orchestrated and managed through a single intelligent management software—allowing IT teams to meet the demands of today's evolving networks.



## Intelligent Cross Connect (ICC)

The ICC provides software-managed optical switching between any available port, creating a dynamic and protocol agnostic connectivity fabric coupled with ultra-low latency



## Intelligent Patching System (IPS)

The IPS provides passive optical 8, 12 and 24-fiber optic MPO-to-MPO or MPO-to-LC duplex breakout interfaces, simplifying installation and ongoing maintenance of increasingly dense fiber networks.



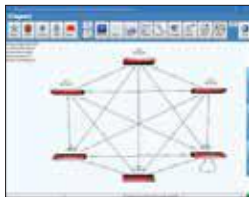
## Intelligent Patching System Modular (IPSM)

The IPSM allows the breakout or aggregation of 24-fiber, 12-fiber or 8-fiber MPO connections to Duplex LC or MPO connectivity. IPSM patching modules are hot-swappable, and available with Single-mode (OS2) or Multimode (OM4) fiber. Several fiber mapping options, including front-to-front or front-to-rear port mapping, allow for versatile cable configurations, while also simplifying compliance with TIA-5683-D.3 standards for fiber polarity.



## Intelligent Cabling System (ICS)

The ICS uses intelligent patch cords with Intellicore Near Field Communications (NFC) clips, allowing all connections and endpoints in the network to be recognized and automatically tracked by the IMS software.



## Intelligent Management Software (IMS)

The IMS is a centralized SDN management system providing remotely programmable real-time physical layer network re-configuration, auto-documentation and control. IMS can provision end-to-end Layer-1 connectivity for Ethernet networks, or networks with mixed protocols since it is protocol agnostic.

## Your Challenges

- MACs are labor intensive and cost prohibitive, especially at remote locations
- Human errors lead to downtime, averaging \$7,900 / min
- Security and reliability are critical with the growth of IoT, Edge and Cloud Computing
- Documentation of the physical layer is manual, time-consuming, and inaccurate
- Troubleshooting the connectivity after installation is tedious and costly
- Network monitoring with optical Test Access Points (TAPs) are expensive and disruptive
- Planning and managing growth is difficult as network complexity increases

## Our Intellicore Solution

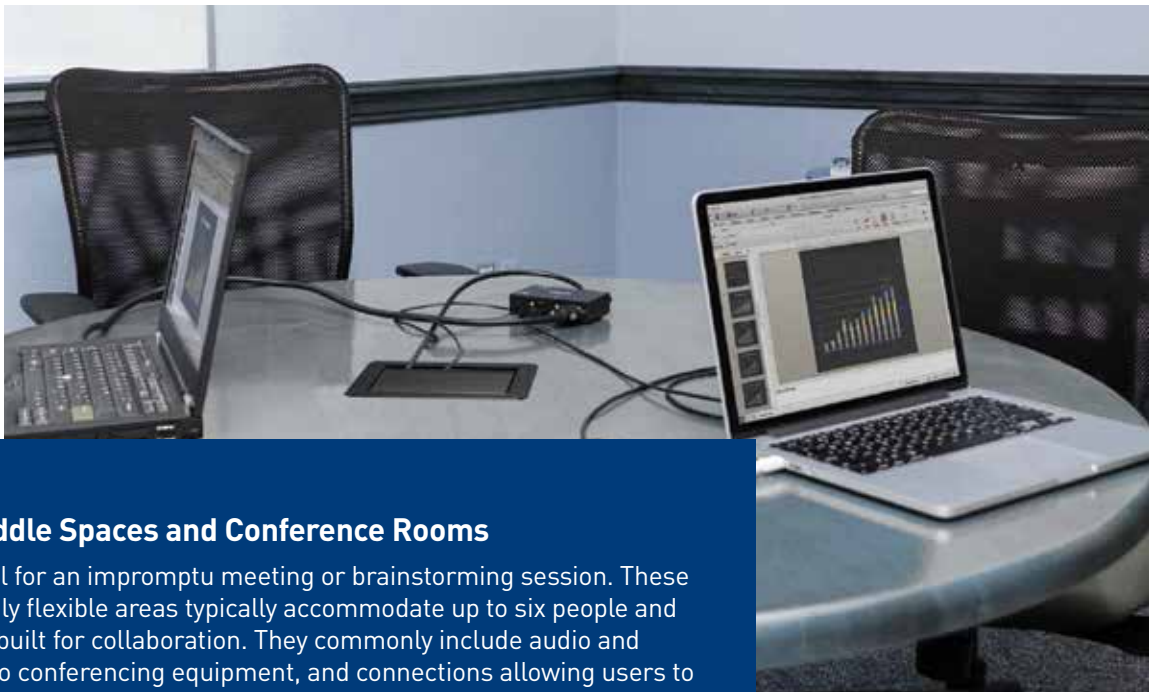
- Automated and error-proofing of MACs, at your site or remotely
- Port identification and presence with intrusion detection built in
- Central tracking and audit trail of every connection with event logs and alarms
- Real-time and 100% accurate mapping of your network topology
- Automatic discovery of all Intellicore hardware and cable assemblies
- Integrated signal copying for diagnostics monitoring and testing
- Application Program Interface (API) integration with third-party software solutions (eg. DCIM)



# A/V & PC SOLUTIONS

With over 7,000 readily available connectivity solutions, C2G's offering of broadline products, market-specific solutions, and customized connectivity is ready and quickly deployable to meet customer needs. Our Audio/Video & PC solutions support education, healthcare, digital signage, original equipment manufacturers, and hospitality industries.

For more information about C2G product solutions visit [www.c2g.com](http://www.c2g.com) or call 800.CABL.911.



## Huddle Spaces and Conference Rooms

Ideal for an impromptu meeting or brainstorming session. These highly flexible areas typically accommodate up to six people and are built for collaboration. They commonly include audio and video conferencing equipment, and connections allowing users to easily display and share content from their device.



29329 - Wireless A/V for HDMI Devices



40814 - HDMI, VGA, and Audio to HDMI Converter Switch



41363 - 3ft Ultra Flexible High Speed HDMI Cable with Low-Profile Connectors



## Desktop

An efficient and comfortable work space must be able to connect all kinds of devices, while providing a clutter free desktop for the user. With more employees “bringing their own devices to work” (a trend commonly referred to as BYOD) the number of devices that require connectivity is increasing. The types of connections on desktops are evolving and can range from the newest USB Type-C connection consolidating power, data and video on a single cable to older analog video connection such as VGA or DVI. A well designed clutter-free work space incorporates the new while accommodating older devices to ensure users can easily connect.



35499 - USB A Male to Lightning™ Male Sync and Charging Cable



29327 - USB 3.0 USB-C to 4-Port USB-A Hub



28832 - 6ft USB 3.0 USB-C to USB-A Cable M/M - Black



29482 - USB-C to DisplayPort Adapter Converter - Black



54325 - 3ft DisplayPort Male to HD Male Adapter Cable - Black

# HDMI®

**HDMI** is the most popular audio/video connection for most consumer electronics today. The HDMI signal carries digital audio and video at resolutions up to 4K and is the digital replacement for analog video standards.



## Video

Premium high speed HDMI cables and high speed HDMI cables support up to 4K (4096 x 2160) at 60Hz, which is four times the clarity of 1080p video resolution, simultaneous delivery of dual video streams to multiple users on the same screen and wide angle theatrical 21:9 video aspect ratio.



## Audio

Premium high speed HDMI cables and high speed HDMI Cables support up to 32 audio channels for a multi-dimensional, immersive audio experience and also support all standard audio formats, including Dolby® Digital, Dolby® TrueHD, DTS®, and DTS-HD Master Audio™.

## Premium High Speed HDMI Cables

The latest premium high speed HDMI cables that have been tested for highest performance and ultra reliability. Experience resolutions up to 4K (4096 x 2160) at 60Hz, bandwidths up to 18Gbps, HDR for higher contrast ratios and vivid colors, plus 32 uncompressed digital audio channels to provide crystal-clear sound.

PART NO.	DESCRIPTION
50181	3ft Premium High Speed HDMI Cable with Ethernet - 4K 60Hz
50182	6ft Premium High Speed HDMI Cable with Ethernet - 4K 60Hz
50183	8ft Premium High Speed HDMI Cable with Ethernet - 4K 60Hz
50184	10ft Premium High Speed HDMI Cable with Ethernet - 4K 60Hz
50185	12ft Premium High Speed HDMI Cable with Ethernet - 4K 60Hz
50186	15ft Premium High Speed HDMI Cable with Ethernet - 4K 60Hz
50187	18ft Premium High Speed HDMI Cable with Ethernet - 4K 60Hz
50188	20ft Premium High Speed HDMI Cable with Ethernet - 4K 60Hz



50181

## Select HDMI Cables

Support the newest HDMI features including UltraHD and 4k at 60Hz with this in-wall rated cable that supports multimedia devices to displays.

PART NO.	DESCRIPTION
50624	1.5ft Select High Speed HDMI Cable with Ethernet 4K 60Hz M/M - In-Wall, CL2-Rated
50625	3ft Select High Speed HDMI Cable with Ethernet 4K 60Hz M/M - In-Wall, CL2-Rated
50626	5ft Select High Speed HDMI Cable with Ethernet 4K 60Hz M/M - In-Wall, CL2-Rated
50627	6ft Select High Speed HDMI Cable with Ethernet 4K 60Hz M/M - In-Wall, CL2-Rated
50628	10ft Select High Speed HDMI Cable with Ethernet 4K 60Hz M/M - In-Wall, CL2-Rated
50629	12ft Select High Speed HDMI Cable with Ethernet 4K 60Hz M/M - In-Wall, CL2-Rated
50630	15ft Select High Speed HDMI Cable with Ethernet 4K 60Hz M/M - In-Wall, CL2-Rated
50631	16.5ft Select High Speed HDMI Cable with Ethernet 4K 60Hz M/M - In-Wall, CL2-Rated
50632	20ft Select High Speed HDMI Cable with Ethernet 4K 60Hz M/M - In-Wall, CL2-Rated
50633	25ft Select High Speed HDMI Cable with Ethernet 4K 60Hz M/M - In-Wall, CL2-Rated
50634	35ft Select Standard Speed HDMI Cable with Ethernet 4K 60Hz M/M - In-Wall, CL2-Rated
50635	40ft Select Standard Speed HDMI Cable with Ethernet M/M - In-Wall, CL2-Rated
50636	50ft Select Standard Speed HDMI Cable with Ethernet M/M - In-Wall, CL2-Rated



50624

## Ultra Flexible HDMI Cables

High speed cables designed for installation in tight spaces. Supports 4K, 3D, and Ultra HD resolution.

PART NO.	DESCRIPTION
41361	1ft Ultra Flexible High Speed HDMI Cable with Low-Profile Connectors - 4K 60Hz
41362	2ft Ultra Flexible High Speed HDMI Cable with Low-Profile Connectors - 4K 60Hz
41363	3ft Ultra Flexible High Speed HDMI Cable with Low-Profile Connectors - 4K 60Hz
41364	6ft Ultra Flexible High Speed HDMI Cable with Low-Profile Connectors - 4K 60Hz



41361

## Plenum HDMI Cables with Gripping Connectors

CL2P-Plenum rated gripping cables designed to support a 1080p resolution in commercial buildings.

PART NO.	DESCRIPTION
42528	15ft High Speed HDMI Cable with Gripping Connectors - CL2P Plenum Rated
42529	25ft High Speed HDMI Cable with Gripping Connectors - CL2P Plenum Rated
42530	35ft High Speed HDMI Cable with Gripping Connectors - CL2P Plenum Rated
42531	40ft Standard Speed HDMI Cable with Gripping Connectors - CL2P Plenum Rated
42532	50ft Standard Speed HDMI Cable with Gripping Connectors - CL2P Plenum Rated



42530

## HDMI Cables with Gripping Connectors

High speed or standard speed cables with 3x greater port retention.  
Supports 4K video resolution.

PART NO.	DESCRIPTION
29674	1.5ft High Speed HDMI Cable with Gripping Connectors - 4K 60Hz
29675	3ft High Speed HDMI Cable with Gripping Connectors - 4K 60Hz
29676	5ft High Speed HDMI Cable with Gripping Connectors - 4K 60Hz
29677	6ft High Speed HDMI Cable with Gripping Connectors - 4K 60Hz
29678	10ft High Speed HDMI Cable with Gripping Connectors - 4K 60Hz
29679	12ft High Speed HDMI Cable with Gripping Connectors - 4K 60Hz
29680	15ft High Speed HDMI Cable with Gripping Connectors - 4K 60Hz
29681	16.5ft High Speed HDMI Cable with Gripping Connectors - 4K 60Hz
29682	20ft High Speed HDMI Cable with Gripping Connectors - 4K 60Hz
29683	25ft High Speed HDMI Cable with Gripping Connectors - 4K 60Hz
29684	35ft High Speed HDMI Cable with Gripping Connectors - 4K 60Hz
29685	40ft Standard Speed HDMI Cable with Gripping Connectors
29686	50ft Standard Speed HDMI Cable with Gripping Connectors



29685

## HDMI Cables

Perfect for home theater or desktop audio video applications requiring high speed HDMI features and video resolutions up to 4K Ultra HD or 3D video.

PART NO.	DESCRIPTION
56781	1ft High Speed HDMI Cable with Ethernet - 4K 60Hz
50606	1.5ft High Speed HDMI Cable with Ethernet - 4K 60Hz
50607	2ft High Speed HDMI Cable with Ethernet - 4K 60Hz
56782	3ft High Speed HDMI Cable with Ethernet - 4K 60Hz
50608	4ft High Speed HDMI Cable with Ethernet - 4K 60Hz
50609	5ft High Speed HDMI Cable with Ethernet - 4K 60Hz
56783	6ft High Speed HDMI Cable with Ethernet - 4K 60Hz
50610	8ft High Speed HDMI Cable with Ethernet - 4K 60Hz
56784	10ft High Speed HDMI Cable with Ethernet - 4K 60Hz
50611	12ft High Speed HDMI Cable with Ethernet - 4K 60Hz
50612	15ft High Speed HDMI Cable with Ethernet - 4K 60Hz



50606

# ACTIVE HDMI® CABLES

Available in lengths from 23 to 164 feet, designed for long-length source-to-display connectivity in commercial applications.

## Active Optical (AOC) HDMI Cables

Extend HDMI signals over optical cable and support the latest HDMI features including 4K, 3D Video, Deep Color, and X.V. Color.

PART NO.	DESCRIPTION
41378	23ft High Speed HDMI Active Optical Cable (AOC) 4K 30Hz - Plenum, CMP Rated
41370	33ft High Speed HDMI Active Optical Cable (AOC) 4K 30Hz - Plenum, CMP Rated
41371	50ft High Speed HDMI Active Optical Cable (AOC) 4K 30Hz - Plenum, CMP Rated
41372	75ft High Speed HDMI Active Optical Cable (AOC) 4K 30Hz - Plenum, CMP Rated
41373	100ft High Speed HDMI Active Optical Cable (AOC) 4K 30Hz - Plenum, CMP Rated
41374	131ft High Speed HDMI Active Optical Cable (AOC) 4K 30Hz - Plenum, CMP Rated
41375	164ft High Speed HDMI Active Optical Cable (AOC) 4K 30Hz - Plenum, CMP Rated



41370

## Active HDMI Cables

Extend HDMI signals over an active HDMI cable and support HDMI features including 4K and 1080p at 60Hz, 3D video, and Deep Color.

PART NO.	DESCRIPTION
41412	15ft Active High Speed HDMI Cable 4K 60Hz - In-Wall, CL3-Rated
41413	25ft Active High Speed HDMI Cable 4K 60Hz - In-Wall, CL3-Rated
41414	35ft Active High Speed HDMI Cable 4K 60Hz - In-Wall, CL3-Rated
41415	50ft Active High Speed HDMI Cable 4K 60Hz - In-Wall, CL3-Rated
41366	35ft Active High Speed HDMI Cable 4K 30Hz - In-Wall, CL3-Rated
41367	50ft Active High Speed HDMI Cable 4K 30Hz - In-Wall, CL3-Rated
41368	75ft Active High Speed HDMI Cable 4K 30Hz - In-Wall, CL3-Rated
41369	100ft Active High Speed HDMI Cable 4K 30Hz - In-Wall, CL3-Rated



41366

# HDMI® ADAPTERS AND ADAPTER CABLES

## HDMI to DVI Cables

Connect an HDMI-equipped device to a DVI-equipped device or vice versa; 1080p resolution.

PART NO.	DESCRIPTION
42513	0.5m HDMI to DVI-D Digital Video Cable (1.6ft)
42514	1m HDMI to DVI-D Digital Video Cable (3.3ft)
42515	1.5m HDMI to DVI-D Digital Video Cable (4.9ft)
42516	2m HDMI to DVI-D Digital Video Cable (6.6ft)
42517	3m HDMI to DVI-D Digital Video Cable (9.8ft)
42518	5m HDMI to DVI-D Digital Video Cable (16.4ft)



42513

## HDMI Adapters and Couplers

Standard HDMI adapters and couplers including HDMI to VGA and HDMI to DVI; available with angled connectors.

PART NO.	DESCRIPTION
<b>To HDMI</b>	
40970	HDMI Female to Female Coupler
43290	Right Angle HDMI Adapter - Right Exit
43291	Right Angle HDMI Adapter - Left Exit
18400	Right Angle HDMI Female to Female Coupler
18413	HDMI Male to HDMI Female 90° Up Adapter
40999	HDMI Male to HDMI Female 90° Down Adapter
<b>To DVI</b>	
18401	DVI-D Male to HDMI Male Adapter
18402	HDMI Female to DVI-D Female Adapter
40745	DVI-D Female to HDMI Male Inline Adapter
40746	DVI-D Male to HDMI Female Inline Adapter
41352	HDMI Male to Single Link DVI-D Female Adapter Converter Dongle
<b>To VGA</b>	
41350	HDMI Male to VGA Female Adapter Converter Dongle
41351	HDMI Male to VGA and Stereo Audio Female Adapter Converter Dongle
<b>To USB</b>	
29192	Mobile Device USB Micro-B to HDMI Display SlimPort® Adapter Cable



40970



18401



# HDMI<sup>®</sup> CONVERTERS AND EXTENDERS

## HDMI Converters

Convert USB or VGA to work with an HDMI device, convert HDMI to VGA, or de-embed audio from HDMI to support an audio reinforcement system.

PART NO.	DESCRIPTION
30547	USB to HDMI Adapter with Audio up to 1080p
40714	Pro HDMI to VGA and Audio Adapter Converter
41410	VGA + 3.5mm to HDMI Adapter Converter
40719	Pro HDMI Audio De-Embedder (TAA Compliant)
40695	HDMI Audio De-Embedder



30547

## HDMI Selectors, Splitters & Switches

Connect a single source to multiple displays or multiple sources to a single input on a display.

PART NO.	DESCRIPTION
40349	2-Port HDMI Auto Switch
40734	3-Port HDMI Auto Switch
41394	2-Port HDMI Splitter - 4K 60Hz
41395	4-Port HDMI Splitter - 4K 60Hz
40814	HDMI, VGA, and Audio to HDMI Converter Switch (TAA Compliant)
40848	DisplayPort™, HDMI, and VGA to HDMI Adapter Converter Switch 4K 30Hz (TAA Compliant)
40850	HDMI, USB-C, Mini DisplayPort, and VGA to HDMI Adapter Converter Switch - 4K 60Hz
41389	4 x 2 HDMI Matrix Switch - 4K 30Hz
41500	4-Port HDMI Selector Switch (TAA Compliant)
41501	6-Port HDMI Selector Switch (TAA Compliant)



40349

40848 - DisplayPort, HDMI, and VGA to HDMI Adapter Converter Switch



# HDMI® CONVERTERS AND EXTENDERS

## HDMI Extenders

Extend HDMI digital audio/video content up to 164 feet over Cat5 or Cat6 cable at a 1080p resolution or extend 4K HDMI and USB 2.0 up to 1000ft using RapidRun Optical.

PART NO.	DESCRIPTION
<b>Over Cat</b>	
29298	Short Range HDMI over Cat5 Extender Kit with Auto Equalization (TAA Compliant)
29374	Short Range HDMI over Cat5 Extender - Wall Plate to Box (TAA Compliant)
29637	Short Range HDMI + USB over Cat5 Extender (TAA Compliant)
60180	HDMI over Cat5/6 Extender up to 164ft (50m)
29454	HDMI over Coax Extender Kit
41365	4K HDMI In-line Extender up to 50ft
<b>Over RapidRun Optical</b>	
60218	RapidRun HDMI + USB Extender



29298

## Wireless A/V for HDMI

PART NO.	DESCRIPTION
29329	Wireless A/V for HDMI Devices (TAA Compliant)
29512	Wireless A/V for HDMI Devices with 2 Receiver Kit



29329



◀ 60218 - RapidRun HDMI + USB Extender

# DISPLAYPORT™

**DisplayPort** can deliver digital content at resolutions above Ultra HD, the highest available from a single A/V connector. This makes it ready for future applications, including VR and 8K HDR displays.



## Video

DisplayPort supports HDR and a High Bit Rate (HBR) connection up to a 4K resolution or up to an 8K resolution with the latest standard. Display Port offers backward compatibility with other video connections like HDMI, VGA, and DVI with convenient adapter converters and adapter cables.



## Audio

DisplayPort supports the latest audio trends including Dolby® MAT and DTS–HD Master Audio™.

## DisplayPort Cables

Connect the DisplayPort output of a computer to the DisplayPort input of a computer monitor and support a High Bit Rate (HBR) digital audio/video connection at up to an 8K resolution.

PART NO.	DESCRIPTION
54423	1ft DisplayPort Cable with Latches, 8K UHD M/M - Black
54400	3ft DisplayPort Cable with Latches, 8K UHD M/M - Black
54401	6ft DisplayPort Cable with Latches, 8K UHD M/M - Black
54402	10ft DisplayPort Cable with Latches, 8K UHD M/M - Black
54403	15ft DisplayPort Cable with Latches, 8K UHD M/M - Black
54424	20ft DisplayPort Cable with Latches, 8K UHD M/M - Black
54404	25ft DisplayPort Cable with Latches, 8K UHD M/M - Black
54425	30ft DisplayPort Cable with Latches, 8K UHD M/M - Black
54405	35ft DisplayPort Cable with Latches, 8K UHD M/M - Black



54400

# DISPLAYPORT™

## Active DisplayPort Cables

Extend DisplayPort signals over optical cable and support the latest DisplayPort features including 4K 60Hz, 3D Video, Deep Color, and X.V. Color.

PART NO.	DESCRIPTION
29535	25ft DisplayPort Active Optical Cable (AOC) - Plenum, CMP-Rated
29536	50ft DisplayPort Active Optical Cable (AOC) - Plenum, CMP-Rated
29537	75ft DisplayPort Active Optical Cable (AOC) - Plenum, CMP-Rated
29538	100ft DisplayPort Active Optical Cable (AOC) - Plenum, CMP-Rated



29535

## Mini DisplayPort Cables

Connect the Mini DisplayPort output of a computer to the Mini DisplayPort input of a computer monitor and support a digital audio/video connection at a 4K resolution.

PART NO.	DESCRIPTION
54410	3ft Mini DisplayPort Cable M/M - White
54416	3ft Mini DisplayPort Cable M/M - Black
54411	6ft Mini DisplayPort Cable M/M - White
54417	6ft Mini DisplayPort Cable M/M - Black
54412	10ft Mini DisplayPort Cable M/M - White
54418	10ft Mini DisplayPort Cable M/M - Black



54410

## Mini DisplayPort Extension Cables

Extend a Mini DisplayPort cable and support a digital audio/video connection.

PART NO.	DESCRIPTION
54413	3ft Mini DisplayPort Extension Cable M/F - White
54414	6ft Mini DisplayPort Extension Cable M/F - White
54415	10ft Mini DisplayPort Extension Cable M/F - White



54413

# DISPLAYPORT™ ADAPTERS AND ADAPTER CABLES

## DisplayPort to Adapter Cables

Adapter cables to connect the DisplayPort output of a computer to the HDMI, DVI or VGA input of a TV or projector.

PART NO.	DESCRIPTION
<b>To HDMI</b>	
54325	3ft DisplayPort Male to HD Male Adapter Cable - Black (TAA Compliant)
54326	6ft DisplayPort Male to HD Male Adapter Cable - Black (TAA Compliant)
54327	10ft DisplayPort Male to HD Male Adapter Cable - Black (TAA Compliant)
<b>To DVI</b>	
54328	3ft DisplayPort Male to Single Link DVI-D Male Adapter Cable - Black (TAA Compliant)
54329	6ft DisplayPort Male to Single Link DVI-D Male Adapter Cable - Black (TAA Compliant)
54330	10ft DisplayPort Male to Single Link DVI-D Male Adapter Cable - Black (TAA Compliant)
<b>To VGA</b>	
54331	3ft DisplayPort Male to VGA Male Active Adapter Cable - Black (TAA Compliant)
54332	6ft DisplayPort Male to VGA Male Active Adapter Cable - Black (TAA Compliant)
54333	10ft DisplayPort Male to VGA Male Active Adapter Cable - Black (TAA Compliant)



54325

## DisplayPort Adapters

Dongle style adapter converters to connect the DisplayPort output of a computer to the HDMI, DVI or VGA input of a TV or projector.

PART NO.	DESCRIPTION
<b>To HDMI</b>	
54151	DisplayPort to HDMI Adapter
54322	8in DisplayPort Male to HDMI Female Adapter Converter - Black
54340	DisplayPort to HDMI, VGA, or DVI Adapter Converter
54306	4K DisplayPort to HDMI Active Adapter Converter - Black
28273	8in DisplayPort Male to HDMI or VGA Female Adapter Converter - Black
28274	8in DisplayPort Male to HDMI or VGA Female Adapter Converter - White
<b>To DVI</b>	
54321	8in DisplayPort Male to Single Link DVI-D Female Adapter Converter - Black
41379	DVI to DisplayPort Adapter Converter
54317	DisplayPort to DVI-D Active Adapter Converter - Black
<b>To VGA</b>	
54323	8in DisplayPort Male to VGA Female Active Adapter Converter - Black



54151

# DISPLAYPORT™ ADAPTERS AND ADAPTER CABLES

## Mini DisplayPort to Adapter Cables

Adapter cables to connect the Mini DisplayPort output of a computer to the DisplayPort, HDMI or DVI input of a TV or projector.

PART NO.	DESCRIPTION
54297	3ft Mini DisplayPort to DisplayPort Adapter Cable, 8K UHD M/M - White
54300	3ft Mini DisplayPort to DisplayPort Adapter Cable, 8K UHD M/M - Black
54298	6ft Mini DisplayPort to DisplayPort Adapter Cable, 8K UHD M/M - White
54301	6ft Mini DisplayPort to DisplayPort Adapter Cable, 8K UHD M/M - Black
54299	10ft Mini DisplayPort to DisplayPort Adapter Cable, 8K UHD M/M - White
54302	10ft Mini DisplayPort to DisplayPort Adapter Cable, 8K UHD M/M - Black
54420	3ft Mini DisplayPort Male to HD Male Adapter Cable - Black
54421	6ft Mini DisplayPort Male to HD Male Adapter Cable - Black
54422	10ft Mini DisplayPort Male to HD Male Adapter Cable - Black
54334	3ft Mini DisplayPort Male to Single Link DVI-D Male Adapter Cable - Black
54337	3ft Mini DisplayPort Male to Single Link DVI-D Male Adapter Cable - White
54335	6ft Mini DisplayPort Male to Single Link DVI-D Male Adapter Cable - Black
54338	6ft Mini DisplayPort Male to Single Link DVI-D Male Adapter Cable - White
54336	10ft Mini DisplayPort Male to Single Link DVI-D Male Adapter Cable - Black
54339	10ft Mini DisplayPort Male to Single Link DVI-D Male Adapter Cable - White



54297

## Mini DisplayPort Adapters

Dongle-style adapters converters to connect the Mini DisplayPort output of a computer to the DisplayPort, HDMI, DVI or VGA input of a TV or projector.

PART NO.	DESCRIPTION
54303	6in Mini DisplayPort Male to DisplayPort Female Adapter Converter - Black
54313	8in Mini DisplayPort Male to HDMI Female Adapter Converter - Black
54314	8in Mini DisplayPort Male to HDMI Female Adapter Converter - White
54341	Mini DisplayPort to HDMI, VGA, or DVI Adapter Converter
54307	4K Mini DisplayPort to HDMI Active Adapter Converter - Black
54308	4K Mini DisplayPort to HDMI Active Adapter Converter - White
28271	8in Mini DisplayPort Male to HDMI or VGA Female Adapter Converter - Black
28272	8in Mini DisplayPort Male to HDMI or VGA Female Adapter Converter - White
54311	8in Mini DisplayPort Male to Single Link DVI-D Female Adapter Converter - Black
54312	8in Mini DisplayPort Male to Single Link DVI-D Female Adapter Converter - White
54315	8in Mini DisplayPort Male to VGA Female Active Adapter Converter - Black
54316	8in Mini DisplayPort Male to VGA Female Active Adapter Converter - White



54303

# HDBaseT™

**HDBaseT technology** was designed to offer an industry standard connectivity solution for extending HDMI® digital video content beyond the 20 meter maximum supported by native HDMI cabling in most solutions. HDBaseT is positioned to support Ultra HD, a high resolution video format that delivers more than four times the resolution of current HD displays.

## HDMI HDBaseT Extenders

Extend HDMI digital audio/video content up to 230 feet over a single Cat6 cable at 4K resolution utilizing HDBaseT technology.

PART NO.	DESCRIPTION
<b>HDMI HDBaseT Extender Kits</b>	
29457	4K HDMI HDBaseT Lite over Cat6 Extender Kit (TAA Compliant)
29510	4K HDMI HDBaseT + USB Over Cat6 Extender (TAA Compliant)
29210	4K HDMI HDBaseT over Cat6 Extender Box Transmitter to Box Receiver Kit (TAA Compliant)
29218	4K HDMI and VGA + Stereo Audio to HDMI HDBaseT over Cat6 Extender Kit (TAA Compliant)
29301	4K HDMI and VGA + Stereo Audio HDBaseT over Cat6 Extender Wall Plate Transmitter - White (TAA Compliant)
29306	4K HDMI, VGA + Stereo Audio to HDMI HDBaseT over Cat6 Extender Kit - Scaler/De-embedder (TAA Compliant)
29308	4K HDMI and VGA + Stereo Audio HDBaseT over Cat6 Extender Transmitter - Black (TAA Compliant)
29309	4K HDMI and VGA + Stereo Audio HDBaseT over Cat6 Extender Transmitter to Receiver Kit
29319	4K HDMI and VGA + Stereo Audio HDBaseT over Cat6 Extender Transmitter to Scaler/De-Embedder Kit
29211	4K HDMI HDBaseT + Serial RS232 over Cat6 Extender Box Transmitter to Box Receiver Kit (TAA Compliant)



29269

<b>Individual HDMI HDBaseT Transmitters and Receivers</b>	
29241	4K HDMI HDBaseT over Cat6 Extender Box Transmitter (TAA Compliant)
29269	4K HDMI HDBaseT over Cat6 Extender Box Receiver (TAA Compliant)
29271	4K HDMI HDBaseT + Serial RS232 over Cat6 Extender Box Transmitter (TAA Compliant)
29273	4K HDMI HDBaseT + Serial RS232 over Cat6 Extender Box Receiver (TAA Compliant)

## DisplayPort HDBaseT Extenders

Extend DisplayPort digital audio/video content up to 300 feet over Cat6 cable at a 1080p resolution utilizing HDBaseT technology.

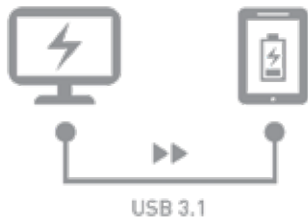
PART NO.	DESCRIPTION
<b>DisplayPort HDBaseT Extender Kits</b>	
29303	DisplayPort HDBaseT Extender over Cat6 (TAA Compliant)
29304	DisplayPort to HDMI HDBaseT Extender over Cat6 (TAA Compliant)
<b>Individual DisplayPort HDBaseT Transmitters and Receivers</b>	
29302	DisplayPort HDBaseT Extender over Cat6 Transmitter (TAA Compliant)
29299	DisplayPort HDBaseT Extender over Cat6 Receiver (TAA Compliant)



29299

# USB-C CABLES AND ADAPTERS

**USB-C cables and adapters** featuring the new USB Type-C symmetrical connector offer data transfer rates that are twice the speed of existing USB technology, and enhanced power delivery of up to 20 volts, 5 amps, and 100 watts for power and charging. Connect USB 2.0, USB 3.0 or USB 3.1 devices to USB-C.

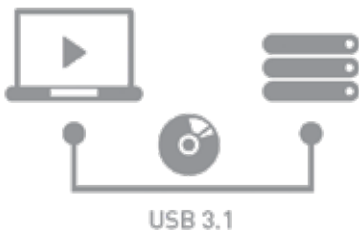


## It Can Charge Fast

Enhanced power delivery capabilities allow this new technology to support traditional mobile device charging, but also enable a laptop to power a computer monitor or a computer monitor with a power supply to charge a laptop through its USB-C connector.

## Play All Your Digital Content

Native support of DisplayPort video and four channel audio will allow your device to connect to a computer monitor, HDTV, surround sound system and headphones—it will even support microphone connections—all over the same small, robust, powerful connection.



## Transfer & Control Your Files

Transfer rates up to 10Gbits/s will make USB 3.1 the ideal solution for transferring large amounts of data, such as HD video for editing, Blu-ray™ authoring, or high resolution photos for editing or storage.



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**Roanoke Wire & Electronics**  
Roanoke, VA

**Priest Cain & Electronics**  
Norfolk, VA

**Central Penn Wire & Cable**  
Lancaster, PA



## USB-C Cables - 2.0

Connect a USB-C device to a USB-A port on a laptop, desktop computer, tablet, or other device.

PART NO.	DESCRIPTION
28825	3ft USB-C 2.0 M/M Cable (3A)
28826	6ft USB-C 2.0 M/M Cable (3A)
28827	3ft USB-C to C 2.0 M/M Cable (5A)
28828	6ft USB-C to C 2.0 M/M Cable (5A)
28829	10ft USB-C to C 2.0 M/M Cable (5A)
28850	3ft USB 2.0 USB-C to USB Micro-B Cable M/M - Black
28851	6ft USB 2.0 USB-C to USB Micro-B Cable M/M - Black
28852	10ft USB 2.0 USB-C to USB Micro-B Cable M/M - Black
28853	12ft USB 2.0 USB-C to USB Micro-B Cable M/M - Black
28854	3ft USB 2.0 USB-C to USB Mini-B Cable M/M - Black
28855	6ft USB 2.0 USB-C to USB Mini-B Cable M/M - Black
28856	10ft USB 2.0 USB-C to USB Mini-B Cable M/M - Black
28857	12ft USB 2.0 USB-C to USB Mini-B Cable M/M - Black
28858	3ft USB 2.0 USB-C to USB-B Cable M/M - Black
28859	6ft USB 2.0 USB-C to USB-B Cable M/M - Black
28860	10ft USB 2.0 USB-C to USB-B Cable M/M - Black
28861	12ft USB 2.0 USB-C to USB-B Cable M/M - Black
28870	3ft USB 2.0 USB-C to USB-A Cable M/M - Black
28871	6ft USB 2.0 USB-C to USB-A Cable M/M - Black
28872	10ft USB 2.0 USB-C to USB-A Cable M/M - Black
28873	12ft USB 2.0 USB-C to USB-A Cable M/M - Black



28825



28854

## USB-C Cables - 3.0 (3.1 Gen 1 & 2)

Connect a USB-B device to a USB Type-C port on a laptop, desktop computer, tablet, or other device.

PART NO.	DESCRIPTION
28862	3ft USB 3.0 (USB 3.1 Gen 1) USB-C to USB Micro-B Cable M/M - Black
28863	6ft USB 3.0 (USB 3.1 Gen 1) USB-C to USB Micro-B Cable M/M - Black
28864	10ft USB 3.0 (USB 3.1 Gen 1) USB-C to USB Micro-B Cable M/M - Black
28865	3ft USB 3.0 (USB 3.1 Gen 1) USB-C to USB-B Cable M/M - Black



28862

# USB-C CABLES AND ADAPTERS

## USB-C Cables - 3.0 (3.1 Gen 1 & 2)

Connect a USB device to a USB Type-C or USB-A port on a laptop, desktop computer, tablet, or other device.

PART NO.	DESCRIPTION
28866	6ft USB 3.0 (USB 3.1 Gen 1) USB-C to USB-B Cable M/M - Black
28867	10ft USB 3.0 (USB 3.1 Gen 1) USB-C to USB-B Cable M/M - Black
28831	3ft USB 3.0 USB-C to USB-A Cable M/M - Black (USB IF Certified)
28832	6ft USB 3.0 USB-C to USB-A Cable M/M - Black
28833	10ft USB 3.0 USB-C to USB-A Cable M/M - Black
28830	3ft USB-C to C 3.1 (Gen 1) M/M Cable (3A)
28848	1m USB-C 3.1 (Gen 2) M/M Cable (20V 5A)



28833

## USB-C Adapters

USB-C Adapters for nearly every video and data connector type, including HDMI, DisplayPort, DVI, VGA, Ethernet, USB, or DB9 and DB25 connectors.

PART NO.	DESCRIPTION
<b>To HDMI</b>	
29474	USB 3.1 USB-C to HDMI Audio/Video Adapter - Black (TAA Compliant)
29475	USB 3.1 USB-C to HDMI Audio/Video Adapter - White (TAA Compliant)
29531	USB-C to HDMI Audio/Video Adapter Converter with Power Delivery - Black
29532	USB-C to HDMI Audio/Video Adapter Converter with Power Delivery - White
26888	3ft USB-C to HDMI Audio/Video Adapter Cable - 4K 60Hz
26889	6ft USB-C to HDMI Audio/Video Adapter Cable - 4K 60Hz
26891	9ft USB-C to HDMI Audio/Video Adapter Cable - 4K 60Hz
26890	15ft USB-C to HDMI Audio/Video Adapter Cable - 4K 30Hz
<b>To DisplayPort</b>	
29481	USB-C to DisplayPort Adapter Converter - White (TAA Compliant)
29482	USB-C to DisplayPort Adapter Converter - Black
26879	3ft USB-C to DisplayPort™ Adapter Cable - 4K 30Hz - White
26901	3ft USB-C to DisplayPort™ Adapter Cable 4K 30Hz - Black
26880	6ft USB-C to DisplayPort™ Adapter Cable 4K 30Hz - White
26902	6ft USB-C to DisplayPort™ Adapter Cable 4K 30Hz - Black
26881	9ft USB-C to DisplayPort™ Adapter Cable 4K 30Hz - White
26903	9ft USB-C to DisplayPort™ Adapter Cable 4K 30Hz - Black
26882	12ft USB-C to DisplayPort™ Adapter Cable 4K 30Hz - White
26904	12ft USB-C to DisplayPort™ Adapter Cable 4K 30Hz - Black
<b>To DVI</b>	
29483	USB-C To DVI-D Video Adapter Converter - Black
29484	USB-C To DVI-D Video Adapter Converter - White



29474



29483

## USB-C Adapters

PART NO.	DESCRIPTION
<b>To VGA</b>	
29471	USB 3.1 USB-C to VGA (PC) Video Adapter-Black (TAA Compliant)
29472	USB 3.1 USB-C to VGA Video Adapter - White (TAA Compliant)
29533	USB-C to VGA Video Adapter Converter with Power Delivery - Black
29534	USB-C to VGA Video Adapter Converter with Power Delivery - White
26894	3ft USB-C to VGA Video Adapter Cable
26895	6ft USB-C to VGA Video Adapter Cable
26892	9ft USB-C to VGA Video Adapter Cable
26893	15ft USB-C to VGA Video Adapter Cable
<b>To Ethernet</b>	
29746	USB-C to Ethernet Adapter with 3-Port USB Hub - White
29747	USB-C to Ethernet Adapter with 3-Port USB Hub - Black
29748	USB-C to Ethernet Adapter with Power Delivery - White
29749	USB-C to Ethernet Adapter with Power Delivery - Black
29826	USB-C to Ethernet Network Adapter
<b>To Serial &amp; Parallel</b>	
29470	USB 2.0 USB-C to DB9 Serial RS232 Adapter Cable (TAA Compliant)
29479	USB 3.1 USB-C to Serial ATA (SATA) Hard Drive Adapter Cable
29480	USB-C to DB25 Parallel Adapter Cable
<b>To USB</b>	
28868	USB 3.0 (USB 3.1 Gen 1) USB-C to USB-A Adapter M/F - Black
28869	USB 2.0 USB-C to USB Micro-B Adapter M/F - Black
29327	USB 3.0 USB-C to 4-Port USB-A Hub
<b>To Multi Adapters</b>	
30002	USB-C to HDMI, VGA, Ethernet, or USB-A Adapter Kit for Chromebook™ Pixel
30003	USB-C to HDMI or VGA Audio/Video Adapter Kit for Apple® MacBook®
30004	USB-C to HDMI, VGA, Ethernet, or USB-A Essential Adapter Kit
28844	USB-C Docking Station with HDMI, DisplayPort™ and VGA



29471



29746



30002

## USB-C Docking Station

Connect a USB-C enabled device for video mirroring and data transfer while simultaneously charging.

PART NO.	DESCRIPTION
28844	USB-C Docking Station with HDMI, DisplayPort and VGA
28845	USB-C Docking Station with 4K HDMI, Ethernet, USB and Power Delivery



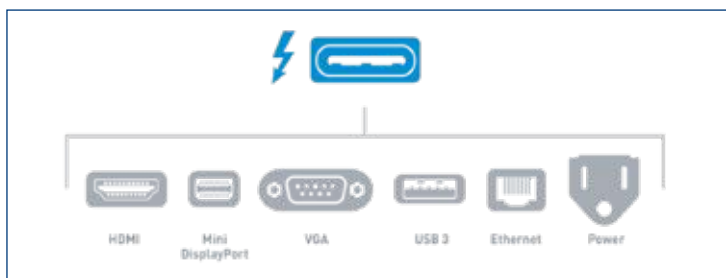
28845

# USB-C CABLES AND ADAPTERS

## USB-C Thunderbolt™ 3 Cables

Thunderbolt 3 brings Thunderbolt to USB-C at speeds up to 40Gbps, creating one compact port that does it all—delivering the fastest, most versatile connection to any dock, display, or data device. For the first time, one computer port connects to Thunderbolt devices, virtually any display, and billions of USB devices. A single cable now provides four times the data and twice the video bandwidth of any other cable, while also supplying power. It's unrivaled for new uses, such as 4K video, single-cable docks with charging, external graphics, and built-in 10 GbE networking. Simply put—Thunderbolt 3 delivers the best USB-C.

PART NO.	DESCRIPTION
28840	1.5ft Thunderbolt 3 Cable (40Gbps)
28841	3ft Thunderbolt 3 Cable (20Gbps)
28842	6ft Thunderbolt 3 Cable (20Gbps)

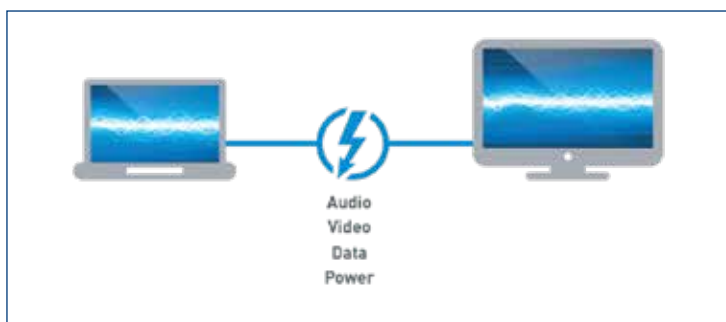
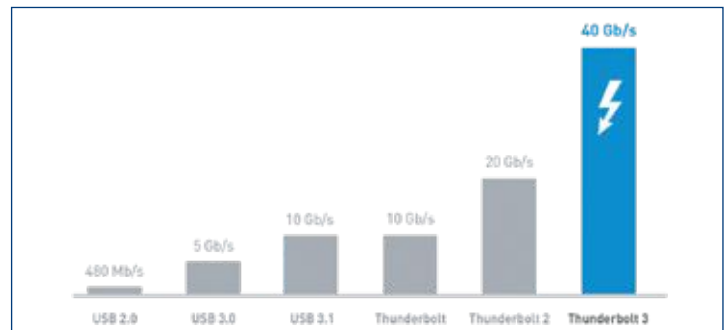


### One Port Delivers it All

Thunderbolt 3 brings lightning speed data transfer, dual 4K video support, high bit depth audio, and power delivery up to 100W. Get more done with less hassle by carrying one cable to complete nearly any task.

### Faster is Always Better

Deliver up to 40Gbps to or from a Thunderbolt 3 enabled port. Whether uploading or downloading data, this cable is an ideal solution for transferring large amounts of information such as high resolution photos for editing or storage, 3D models for video game authoring, or HD video for editing. Capable of backing up a year's worth of continuous MP3s in five minutes!



### Delivers Audio, Video, Data, and Power

Ensure that a Thunderbolt 3 equipped laptop, smartphone, or tablet is fully charged and ready to go while you display video content, transfer files, or stream audio. Deliver up to 100W of charging power to or from the connected device with smart power delivery. The Thunderbolt 3 cable offers a lightweight, portable, and simple way to deliver video and data—while staying charged up!

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# MOBILITY

## USB-C Travel Dock

The USB-C travel dock is the perfect solution for providing connectivity and power when in the office or on the go. The main dock provides display connectivity with HDMI, DisplayPort and VGA as well as pass-through power delivery. The hub adds a Gigabit Ethernet port, 2 USB Type-A ports and a single USB Type-C port. Finally, the power bank module can be attached to the travel dock base in place of the hub module or it is available as a standalone device and provides 10,200mAh of battery capacity to charge your mobile devices (up to 35W).

PART NO.	DESCRIPTION
34061	USB-C Travel Dock with Device Charging and Hub
34062	USB-C Travel Dock with Hub
34063	USB-C Power Bank 10,200mAh



34062

## USB-C Travel Adapters, Hubs and Docks

USB-C travel adapters, hubs and docks enable you to meet connectivity needs and handle critical tasks, delivering audio/video content, Gigabit Ethernet, and enabling access to peripherals and devices while traveling.

PART NO.	DESCRIPTION
26870	USB-C to DisplayPort Travel Adapter - 4K 60Hz
26871	USB-C to VGA Travel Adapter
26872	USB-C to HDMI Travel Adapter - 4K 30Hz
26914	USB-C Hub with USB-A, USB-C and Power Delivery
26915	USB-C to HDMI Adapter with USB-A and Power Delivery
26916	USB-C All-in-One Travel Dock with 4K HDMI, VGA, Ethernet, USB, SD Card Reader and Power Delivery



26916

## Wall Chargers

Wall chargers that can charge up to four mobile devices simultaneously from a single wall outlet.

PART NO.	DESCRIPTION
20275	1-Port USB Wall Charger - AC to USB Adapter with Power Bank, 5V 1A Output
20276	2-Port USB Wall Charger - AC to USB Adapter, 5V 4.8A Output
20277	4-Port USB Wall Charger - AC to USB Adapter, 5V 4.8A Output
20278	5-Port USB Wall Charger - AC to USB Adapter, 5V 8A Output
20279	1-Port USB-C Wall Charger with Power Delivery, 18W
20280	2-Port USB-C + USB-A Wall Charger, 5.4A Max Output
22322	2-Port USB Wall Charger - AC to USB Adapter, 5V 2.1A Output
22335	AC to USB Mobile Device Charger, 5V 2A Output



20275

# MOBILITY

## Smartphone Sync and Charge Cables

Power, charge, and transfer data to and from any USB-C, Micro-B, or Lightning™ enabled device.

PART NO.	DESCRIPTION
<b>USB-C</b>	
28870	3ft USB 2.0 USB-C to USB-A Cable M/M - Black
28871	6ft USB 2.0 USB-C to USB-A Cable M/M - Black
28831	3ft USB 3.0 USB-C to USB-A Cable M/M - Black (USB IF Certified)
28832	6ft USB 3.0 USB-C to USB-A Cable M/M - Black
<b>Micro-B</b>	
27423	1ft USB 2.0 A to Micro-USB B Cable M/M (0.3m)
27441	1ft USB 2.0 A to Micro-B Cable M/M - White (0.3m)
27364	1m USB 2.0 A to Micro-USB B Cable M/M (3.3ft)
27442	3ft USB 2.0 A to Micro-B Cable M/M - White (0.9m)
27365	2m USB 2.0 A to Micro-USB B Cable M/M (6.6ft)
27443	6ft USB 2.0 A to Micro-B Cable M/M - White (1.8m)
<b>Lightning™</b>	
35498	1m USB A Male to Lightning Male Sync and Charging Cable - White (3.3ft)
35499	1m USB A Male to Lightning Male Sync and Charging Cable - Black (3.3ft)



28870



35498

## Car Chargers

Quickly charge mobile devices in the car or connected to a DC outlet.

PART NO.	DESCRIPTION
20281	1-Port USB-C Car Charger, 3A Output
21067	4-Port USB Car Charger with Extension for Passengers, 5.8A Output
21068	1-Port USB Car Charger, 2.4A Output
21069	1-Port Quick Charge 2.0 USB Car Charger
21070	Smart 2-Port USB Car Charger, 2.4A Output
21071	Smart 3-Port USB Car Charger, 4.8A Output



21068

# RAPIDRUN<sup>®</sup> OPTICAL

**RapidRun Optical** is designed to be the standard for in-wall audio/video installations. It boasts distances of up to 1000ft, an 18Gbps bandwidth over a Plenum rated runner with pre-terminated break-away flying leads and wall plates.

## Optical Runner Cables

Platinum color coded, designed for long length, high bandwidth digital signal applications over fiber optic cable, available in lengths up to 1000ft, OFNP rated.

PART NO.	DESCRIPTION
60177	15ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated
60178	25ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated
60118	35ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated
60119	50ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated
60120	65ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated
60121	80ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated
60122	100ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated
60123	125ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated
60124	150ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated
60125	175ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated
60126	200ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated
60127	500ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated
60128	750ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated
60129	1000ft RapidRun Optical Runner Cable - Plenum, OFNP-Rated



60118

## Optical Flying Leads

Use a transmitter and receiver with a RapidRun Optical Runner for a complete, high-performance audio/video solution.

PART NO.	DESCRIPTION
60130	4in RapidRun HDMI Transmitter Flying Lead
60175	4in RapidRun HDMI Keystone Transmitter Flying Lead
60131	4in RapidRun HDMI Receiver Flying Lead
60132	4in RapidRun DVI-D Transmitter Flying Lead
60133	4in RapidRun DVI-D Receiver Flying Lead
60179	4in RapidRun Active DisplayPort Converter Transmitter Flying Lead

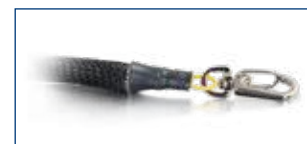


60130

## Optical Accessories

Support and enhance RapidRun Optical products and installations.

PART NO.	DESCRIPTION
60155	Fiber Pulling Eye (TAA Compliant)



60155



# RAPIDRUN® OPTICAL

## RapidRun Optical HDMI Extender

Extend HDMI audio/video 4K resolution at 60Hz and USB 2.0 up to 1000ft using RapidRun Optical.

PART NO.	DESCRIPTION
60218	RapidRun HDMI + USB Extender



60218

## Optical Wall Plates

Platinum color-coded variety of RapidRun Optical transmitters with HDMI, DisplayPort, DVI-D, VGA, and Stereo Audio connections. Use with a RapidRun Optical runner and RapidRun receiver for a complete, high-performance audio/video solution.

PART NO.	DESCRIPTION
60134	RapidRun HDMI, VGA, Stereo Audio, Composite Video and Audio Double Gang Wall Plate with One Keystone - Aluminum
60135	RapidRun HDMI, VGA and Stereo Audio Double Gang Wall Plate with One Keystone - Aluminum
60136	RapidRun HDMI, Double Gang Wall Plate with VGA, Stereo Audio and USB - Aluminum
60137	RapidRun HDMI, Double Gang Wall Plate with VGA, Stereo Audio, Composite Video and Audio - Aluminum
60138	RapidRun HDMI, Single-Gang Wall Plate with VGA, Stereo Audio and One Keystone - Aluminum
60139	RapidRun HDMI, Single-Gang Wall Plate with VGA, Stereo Audio and USB - White
60140	RapidRun HDMI, Single-Gang Wall Plate with VGA, Stereo Audio and USB - Aluminum
60147	RapidRun Dual HDMI, VGA, Stereo Audio, Composite Video + RCA Stereo Audio Double Gang Wall Plate - Aluminum
60148	RapidRun Dual HDMI Double Gang Wall Plate with One Decora Compatible Cutout - White
60149	RapidRun Dual HDMI Double Gang Wall Plate with One Decora Compatible Cutout - Aluminum
60150	RapidRun HDMI Decora Style Wall Plate - White
60151	RapidRun HDMI Decora Style Wall Plate with One Keystone - White
60152	RapidRun HDMI Single-Gang Wall Plate with VGA + Stereo Audio Pass Through - Aluminum
60153	RapidRun HDMI, VGA + Stereo Audio Single-Gang Wall Plate - Aluminum
60154	RapidRun HDMI, VGA + Stereo Audio Single-Gang Wall Plate with USB Pass Through - White
60156	RapidRun HDMI, VGA + Stereo Audio Transmitter - White
60158	RapidRun HDMI Transmitter with Two Keystones - Aluminum
60159	RapidRun HDMI Transmitter with Two Keystones - White
60168	RapidRun HDMI, VGA, and Stereo Audio with One Keystone - Aluminum
60170	RapidRun HDMI, VGA, Stereo Audio + USB Pass Through - Aluminum
60173	RapidRun HDMI Decorative Wall Plate Receiver - Aluminum
60174	RapidRun HDMI Decorative Wall Plate Receiver - White



60134



60150



Internet of Things

*introducing*

# ELIOT

Electricity



## DISCOVER ELIOT

Eliot Program products enable and deliver higher value through the internet of things.

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## ELIOT IS LEGRAND'S GLOBAL IoT PROGRAM

that brings together our worldwide expertise in the built environment, speeds development of connected devices and amplifies communications wherever the Internet of Things can enhance value for all users.

Products, systems and services under Legrand's Eliot program must adhere to three important principles:

1

### Enhanced Value

The products and solutions must enhance value by simplifying usage, facilitating maintenance and or personalizing the experience for users and professionals.

2

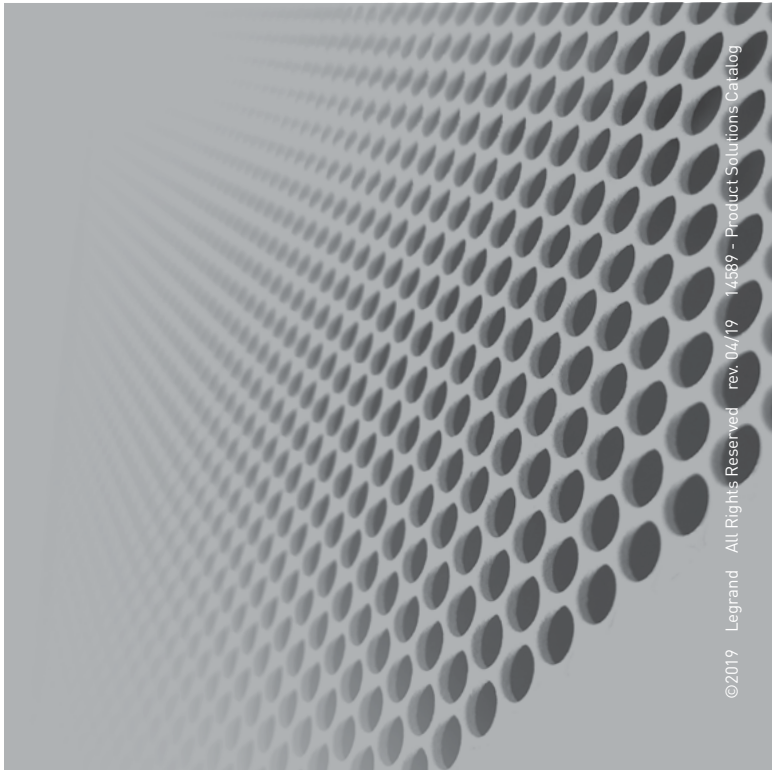
### Intuitive and Easy to Use

They must be intuitive and easy to install and operate, which is part of Legrand's DNA.

3

### Respect the User

And finally, they must respect the user. Consistent with Legrand values, Eliot products, systems and services will preserve the confidentiality of user's data.



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