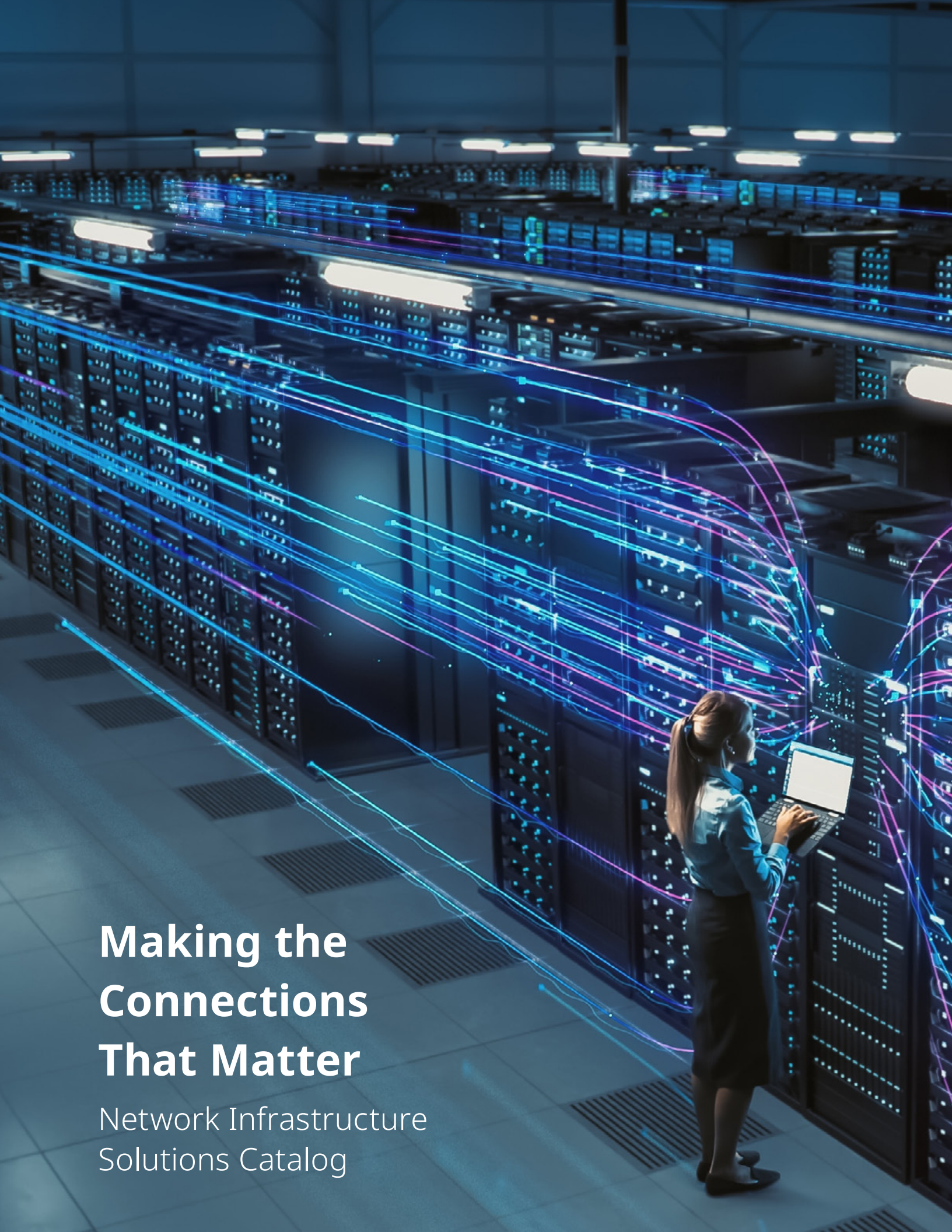




Network Infrastructure

Best Seller and Featured Catalog

A woman with long brown hair in a ponytail, wearing a light blue button-down shirt and a dark skirt, stands in a server room. She is holding a laptop and looking at the server racks. The room is filled with rows of server racks, and there are glowing blue and purple lines representing network connections floating in the air. The lighting is dim, with some overhead lights visible.

Making the Connections That Matter

Network Infrastructure
Solutions Catalog



Your business success depends on network infrastructure that adapts to rapidly changing demands while delivering consistent performance. When connectivity fails, operations halt, productivity drops, and every business outcome you're working toward stops with it.

This catalog showcases the network infrastructure components of flexible, end-to-end solutions we've engineered with customers pursuing outcomes like yours. Through collaborative innovation, we've developed advanced infrastructure that adapts to your specific business goals and delivers measurable outcomes. As digital transformation drives exponential growth in data demands, our solutions help you achieve both performance and sustainability outcomes.

From high-density data centers to distributed enterprise networks, these solutions are engineered to be flexible enough to evolve with your business while reliable enough to support your most critical outcomes. When your infrastructure strategy requires both network and electrical expertise, we make the connections that matter.

Network Infrastructure

Curated for What Matters Most

This catalog features Panduit's best-selling network infrastructure solutions, selected to support performance, reliability, and scalability across enterprise and data center environments.

This catalog represents a focused selection. For Panduit's **complete network infrastructure portfolio**, visit **panduit.com**, where digital resources support smarter decisions from design through procurement.

- ▶ Identify accurate Panduit alternatives
- ▶ Leverage cross-reference capabilities
- ▶ Access design resources and calculators
- ▶ Build bills of material
- ▶ Quickly locate authorized distributors

The **Best Seller** tag identifies the products that customers in the field rely on most.



Explore the Full Network Infrastructure Portfolio at **panduit.com**

Looking for electrical solutions as well?

Explore Panduit's **Electrical Infrastructure Catalog** to see best-selling and newly released electrical offerings, or visit **panduit.com** for the full electrical infrastructure portfolio.

PANDUIT®



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Empowering the Future

Through Digital Transformation

Harness the power of Artificial Intelligence to make smarter decisions, automate your warehouse for unmatched efficiency, and manage smart buildings that think ahead. With connected devices driving real-time insights, your operations become more agile, responsive, and future-ready.



Discover how Panduit
solutions are driving
digital transformation

Scan the QR code or visit
panduit.com/digital-transformation

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Digital Transformation



EL2P Intelligent PDU

- Built for AI workloads with high power density
- Stay secure and compliant with USGv6 Certified IPV6 Stack, Code Signing, and IEEE 802.1x MIL-Grade Security

► Visit panduit.com/el2p to learn more

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding



Base-16 Fiber Cabling System

- Delivers high performance, reliability, and scalability
- Future proofs your data center up to 1.6 Terabits

► Visit panduit.com/base-16 to learn more

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security



FiberRunner® Cable Routing System

- Provides optimum cable protection and assures network performance
- Built to separate, route, and protect fiber optic and high-performance copper cabling

► Visit panduit.com/fiber-runner to learn more

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

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Electrification:

Smarter Energy for a Stronger Business

Electrification is a go-to strategy for decarbonizing the planet. For business, it's also an ultra-effective strategy for reducing energy expenses and realizing sustainability ambitions in one investment.

**Learn how Panduit can help
you take the next step in your
electrification journey.**



Scan the QR code or visit
panduit.com/electrification

PANDUIT®

Electrification

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
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Termination

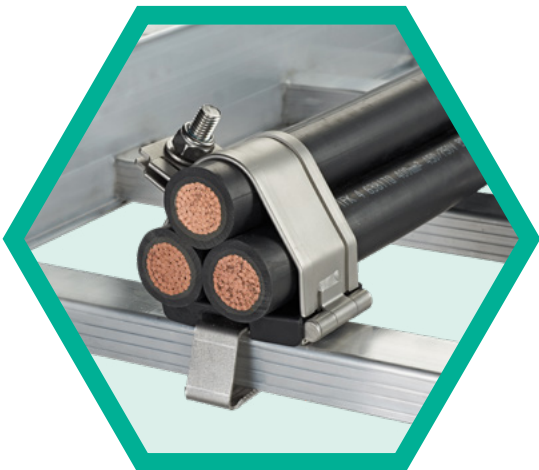
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VeriSafe™ Absence of Voltage Tester

- Reduces testing time from up to 20 minutes to just 10 seconds, enhancing safety and efficiency while ensuring compliance with industry standards
- Minimizes risk and helps prevent electrical incidents by reducing human error

► Visit panduit.com/verisafe to learn more



Cable Cleats

- Contain and secure cables during short-circuit faults to reduce risk to personnel, equipment, and property
- Designed for easy installation and durability across applications and harsh environments to support productivity, reliability, and safety

► Visit panduit.com/cable-cleats to learn more



Fault Managed Power System

- Isolates faults in milliseconds, containing the problem while the rest of your infrastructure keeps running
- First in the market to comply with the new UL 1400-1 Standard for a safer, more reliable, and easy-to-install power delivery system

► Visit panduit.com/fmps to learn more

Network Solutions

Reshaping Hybrid Work Environments

Today's workforce demands flexibility, and your network infrastructure must keep pace. Panduit seamlessly connects remote and in-office teams, eliminating connectivity barriers that slow productivity. Transform your workplace with network infrastructure solutions that adapt as fast as your business evolves.

Transform your workplace – get started today!

Scan the QR code or visit
panduit.com/workforce-transformation



PANDUIT®

Workforce Automation



Vari-MaTriX HD Category 6A Copper Cable

- Best-in-class alien crosstalk mitigation keeps connected systems humming throughout the building
- Supports 10G applications like always-on wireless connectivity for mobile-first workers

► Visit panduit.com/category-6a-cable to learn more

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
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TrueEdge™ Wall Mount Enclosure

- Maximize space with vertical mounting of active equipment
- Premium static load rating of 200-400 lbs.

► Visit panduit.com/trueedge to learn more



RapidID™ Network Mapping System

- Save time and reduce errors with automated network mapping
- Keep data centers and telecom rooms running smoothly, reducing costly downtime

► Visit panduit.com/rapidid to learn more

Electrical Infrastructure for Sustainability-Driven Solutions

From design to deployment, Panduit powers the clean energy transition with proven electrical solutions. From renewable energy systems and battery storage to EV charging infrastructure, our components deliver the reliability and performance your sustainable projects demand. Build tomorrow's energy infrastructure today—with connections engineered to last.

**Learn How to Specify Renewable
Energy Solutions that Win Projects**

Scan the QR code or visit
panduit.com/sustainability



PANDUIT®

Sustainability

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

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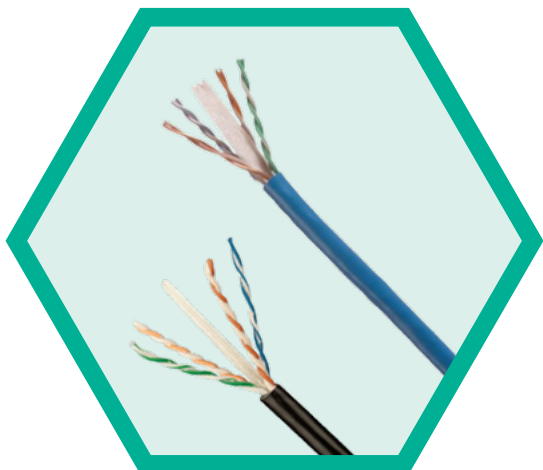
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Post-Industrial Recycled Nylon 6.6 Cable Ties and Mounts

- Up to 100% PIR PA6.6 material supports up to a 36% reduction in carbon footprint
- Suitable for various vertical market applications including construction, transportation, and renewable energy installations

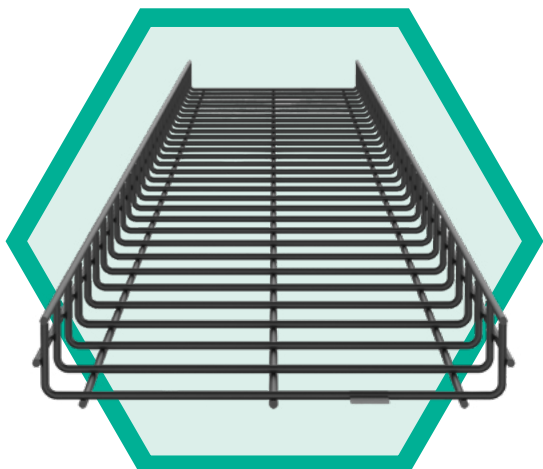
► Visit panduit.com/post-industrial-recycled-cable-ties to learn more



TX6™-ER Extended Reach Cabling

- Supports 1G speeds up to 140 meters
- Designed to handle Type 4 PoE applications, these cables feature 22 AWG conductors that reduce power loss by over 40% compared to traditional 24 AWG cables

► Visit panduit.com/extended-reach-cabling to learn more



Wire Basket Overhead Cable Tray Routing System

- Versatile installation across any enterprise, data center, or telecom room
- Made with up to 70% recycled steel

► Visit panduit.com/wire-basket to learn more

When Standard Isn't Enough. **Configure with Confidence.**

Panduit's Configure-to-Order program enables customers to specify the exact product configurations their applications require, without sacrificing quality, reliability, or delivery expectations. By combining configurable options with Panduit's engineering and manufacturing expertise, Configure-to-Order delivers precisely what your project needs, reducing field modifications, minimizing rework, and keeping installations on schedule.

Configure-to-Order is available across these product families:

- ▶ Copper Cable Assemblies and Patch Cords
- ▶ Fiber Cable Assemblies
- ▶ Fiber Adapter Panels and Cassettes
- ▶ FlexFusion™ Cabinets
- ▶ Universal Network Zone Enclosures
- ▶ Power Distribution Units (PDUs)
- ▶ Uninterruptible Power Supplies (UPS)

**Configuration options vary
by product family.**



Explore Configure-to-Order Solutions at
panduit.com/configure

Cabinets, Thermal Management, Racks & Enclosures

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Advanced Cooling Solution

Optimized for High-Density Rack Performance

The ChilledDoor® Rear Door Heat Exchanger delivers 100% heat removal up to 75 kW cooling capacity, using an advanced PLC-controlled active cooling system to manage high-density thermal loads. Fully validated for interoperability with Panduit FlexFusion™ cabinets, RDHX solutions are **deployed across the highest-density AI environments throughout North America, Latin America, Europe, and APAC.**

- ▶ Manages high thermal loads generated by AI workloads
- ▶ Ensures maximum uptime and operational stability
- ▶ Designed for different data center environments



For more information, visit
panduit.com/rear-door-heat-exchanger

PANDUIT®



FlexFusion™ XGL Series Cabinet

- Front single hinged door and split-hinged rear door with 80% open perforation
- Horizontally split side panels
- Adjustable front and rear cage nut equipment rails
- Includes one set of PDU mounting brackets, casters, ganging brackets, and heavy-duty leveling legs
- Fully integral bonded without use of grounding wire- equipment rails, doors, side panels and top cap
- Static load rating – 3500 lbs. and rolling load rating – 2500 lbs.



XGL64212B



XGL64212W

Part Number	Number of Rack Units	Overall Height In. (mm)	Overall Width In. (mm)	Rear Door Type	Front Door Type	Casters	Color				
XGL64212B	42	79.6 (2022)	23.6 (600)	Door Split Hinged	Door Single Hinged	Yes	Black				
XGL64212W							White				
XGL64222B							Black				
XGL64222W							White				
XGL64812B	48	90.1 (2289)					31.5 (800)	Door Split Hinged	Door Single Hinged	Yes	Black
XGL64812W											White
XGL64822B											Black
XGL64822W											White
XGL84212B	42	79.6 (2022)	31.5 (800)	Door Split Hinged	Door Single Hinged	Yes					Black
XGL84212W											White
XGL84222B											Black
XGL84222W											White
XGL84812B	48	90.1 (2289)					31.5 (800)	Door Split Hinged	Door Single Hinged	Yes	Black
XGL84812W											White
XGL84822B											Black
XGL84822W											White

FlexFusion™ XGL Finger Kit

- Organizes cables with short and long fingers for 42RU–48RU cabinets
- Quick install on E-rails using tabs or brackets for front or rear mount
- Includes metal brackets and plastic fingers for durable, corrosion-resistant cable management



XGL-FML42B

Part Number	Number of Rack Units	Overall Length In. (mm)	Overall Width In. (mm)
XGL-FML42B	42	6 (152)	1 (25)
XGL-FML48B	48		
XGL-FMS42B	42	4 (102)	1 (25)

FlexFusion™ XGL Finger Kit (continued)

Part Number	Number of Rack Units	Overall Length In. (mm)	Overall Width In. (mm)
XGL-FMS48B	48	4 (102)	1 (25)

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

FlexFusion™ Vertical Cable Manager Panel

- Provides tool-less cable management in front corners and between E-rails for high-density cabinets
- Features single-hinged front door and split-hinged rear door with 80% perforation for airflow
- Includes PDU mounting brackets, casters, ganging brackets, and heavy-duty leveling legs
- Fully bonded design eliminates grounding wires and supports up to 3,500 lbs static load

Copper
Systems



XG-VCM42B



XG-VCM42W



XG-VCM45W

Fiber Optic
Systems

Part Number	Number of Rack Units	Color
XG-VCM42B	42	Black
XG-VCM42W		White
XG-VCM45B	45	Black
XG-VCM45W		White
XG-VCM48B	48	Black
XG-VCM48W		White
XG-VCM52B	52	Black
XG-VCM52W		White

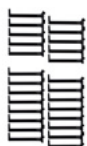
Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

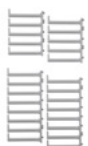
FlexFusion™ Cable Management Fingers

- Easily snap fingers into cabinet E-rails for quick setup and reduced deployment time
- Maintains proper bend radius and routing for structured, high-density cabling
- Compatible with multiple cabinet sizes 42RU–51RU for adaptable configurations

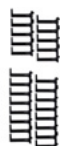
Safety &
Security



XG-FML45B



XG-FML45W



XG-FMS45B



XG-FMS45W

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Part Number	Overall Depth In. (mm)	Number of Rack Units	Color
XG-FML45B	6.76 (171.8)	42	Black
XG-FML45W			White
XG-FML48B		48	Black
XG-FML48W			White
XG-FML51B		51	Black
XG-FML51W			White
XG-FMS45B	4.26 (108.3)	42	Black

Wire
Termination

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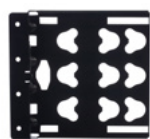
FlexFusion™ Cable Management Fingers (continued)

Part Number	Overall Depth In. (mm)	Number of Rack Units	Color
XG-FMS45W	4.26 (108.3)	42	White
XG-FMS51B		51	Black
XG-FMS51W			White

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

FlexFusion™ PDU Mounting Bracket

- Securely mounts PDUs inside FlexFusion™ Cabinets for organized power distribution
- Supports multiple PDU configurations with extended bracket options for flexibility
- Includes cable tie integration to prevent dismounting or damage during transit
- Available in black or white finishes to match cabinet aesthetics



XG-PBRB



XG-PBRW

Part Number	Color
XG-PBRB	Black
XG-PBRW	White

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

FlexFusion™ Heavy-Duty Floor Mounting Bracket Kit for Cabinet Support

- Provides secure cabinet anchoring with ¼ inch (6 mm) steel brackets for high-load stability
- Compatible with 23.6 inches (600 mm), 27.6 inches (700 mm), and 31.5 inches (800 mm) wide FlexFusion™ Cabinets for versatile deployment
- Powder-coated finish ensures corrosion resistance and a professional appearance
- Mounts to M10 threaded inserts on the cabinet frame and ships with standard packaging



XG-UNHCAIBRKT

Part Number	Short Description
XG-UNHCAIBRKT	HCAI FlexFusion™ Heavy-Duty Floor Mounting Bracket Kit

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

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Net-Access™ Enterprise Cabinet

- Outset post design
- Welded and assembled steel frame construction
- Easy maintenance powder coat finish
- Adjustable rear equipment rails
- Fixed front equipment rails
- Integral vertical air dams
- Dual cut outs (1.5 inches x 5 inches) in the rear cap of the cabinet for cable entry/cable access
- Single hinge perforated doors on front and rear with locks
- Side panels on both sides with quarter-turn locks
- Static load of 567 kg (1,250 lbs.)



E6212B1



E6412B2

Part Number	Number of Rack Units	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Color
E6212B1	12	25.74 (654)	23.62 (600)	42.12 (1070)	Black
E6412B2	24	46.73 (1.187)			

Net-Contain™ End-of-Row Frame

- End of row frames form the Universal Aisle Containment structure at each end of a containment pod
- Provides structural support for Universal Aisle or Single Row Containment systems in hot or cold aisle setups
- Compatible with roofing and vertical wall containment that integrates with sliding doors and caps
- Durable steel construction ensures stability for retrofit or new data center deployments
- Supports aisle widths of 35.4 inches (900 mm), 47.2 inches (1200 mm), and 70.9 inches (1800 mm)



CUEFRT8W04B1

Part Number	Aisle Width In. (mm)	Number of Rack Units	Color
CUEFRT8W04B1	48 (1200)	42/45	Black
CUEFRT8W06B1	72 (1800)		
CUEFRT9W04B1	48 (1200)	48/52	
CUEFRT9W06B1	72 (1800)		

Net-Contain™ Single Row End-of-Row Frame

- Used with CUEFRCKITB1 conversion kit for applications with 2 rows of cabinets
- Forms the structural end support for Universal Single Row Containment systems in hot or cold aisle setups
- Compatible with roof and vertical wall containment that integrates with sliding doors and caps
- Durable steel construction ensures stability for retrofit or new data center deployments



CUSREFRT8B1

Part Number	For Roof Containment	For Vertical Wall Containment	Aisle Width In. (mm)	Number of Rack Units	Containment System Type	Color
CUSREFRT8B1	Yes	Yes	35 (900)	42/45	Universal Single Row Containment	Black
CUSREFRT9B1				48/52		

Net-Contain™ Adjustable End-of-Row Vertical Wall

- Mounted above End of Row Frame
- Provides thermal sealing at aisle ends for hot or cold aisle containment, improving airflow efficiency
- Adjustable design supports multiple aisle widths and cabinet heights for flexible deployment
- Compatible with Universal Aisle Containment systems and integrates with sliding doors and roof sections
- Durable steel construction ensures long-term reliability in new or retrofit data center environments



C2HACERI1626B1

Part Number	Overall Height In. (mm)	Aisle Width In. (mm)	Color
C2HACERI1626B1	26 (660)	48 (1200)	Black
C2HACERI2638B1	38 (965)		
C2HACERI3866B1	66 (1676.4)		

Full product portfolio and solutions at panduit.com



Cabinets,
Thermal
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Copper
Systems

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Signs,
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Net-Contain™ Adjustable Vertical Wall

- Provides flexible aisle containment with adjustable height panels for hot or cold aisle setups
- Enhances airflow efficiency and thermal separation in data centers
- Durable steel construction with quick-install hardware for secure mounting
- Ideal for new builds or retrofit applications



C2HAC06I1626B1

Part Number	Aisle Type	Overall Height In. (mm)	Overall Width In. (mm)	Color
C2HAC06I1626B1	Hot Aisle	26 (660)	23.3 (591)	Black
C2HAC06I2638B1		38 (965)		
C2HAC06I3866B1		66 (1676.4)		
C2HAC07I1626B1		26 (660)	27.2 (691)	
C2HAC07I2638B1		38 (965)		
C2HAC07I3866B1		66 (1676.4)		
C2HAC08I1626B1		26 (660)	31.1 (791)	
C2HAC08I2638B1		38 (965)		
C2HAC08I3866B1		66 (1676.4)		

Net-Contain™ End-of-Row Vertical Wall

- Creates a thermal seal at aisle ends for hot or cold aisle containment, improving airflow efficiency
- Compatible with Universal Aisle Containment systems for new or retrofit deployments
- Durable construction ensures long-term reliability and easy installation



CUSRVWER1626B1

Part Number	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Containment System Type	Color
CUSRVWER1626B1	3.1 (80)	37.8 (961)	26 (660.4)	Universal Aisle Containment/Universal Single Row Containment	Black
CUSRVWER2638B1			38 (965.2)		
CUSRVWER3866B1			66 (1676.4)		

Net-Contain™ Single Row Vertical Wall Adapter



CUSRVWA06B1

Part Number	For Roof Containment	For Vertical Wall Containment	Aisle Width In. (mm)	Overall Width In. (mm)	Color
CUSRVWA06B1	Yes	Yes	35 (900)	23.62 (600)	Black
CUSRVWA07B1				27.55 (700)	
CUSRVWA08B1				31.49 (800)	

Net-Contain™ Wall Beam

- Two-piece design simplifies handling and installation in tight spaces
- Provides structural support for Universal Aisle Containment systems in hot or cold aisle configurations.
- Single or paired options for flexible deployment
- Includes clamps, connectors, flap seals, and hardware kits for secure installation and airtight containment
- Durable steel construction ensures long-term reliability



CUWBPS06ST02B1



CUWBPS24ST02B1

Part Number	Overall Length In. (mm)	Containment System Type	Color
CUWBPS06ST02B1	23.62 (600)	Universal Aisle Containment/Universal Single Row Containment	Black
CUWBPS07ST02B1	27.56 (700)		
CUWBPS08ST02B1	31.5 (800)		
CUWBPS24ST02B1	94.49 (2400)		

Net-Contain™ Wall Beam to Wall Seal Kit

- Seals gaps between wall beams and walls for airtight containment in hot or cold aisle systems
- Includes flap seals and hardware for quick installation and improved airflow efficiency
- Easy-to-install design integrates with Net-Contain™ wall beams for secure containment



CUSRWSK06B1

Part Number	Overall Length In. (mm)	Color
CUSRWSK06B1	23.62 (600)	Black
CUSRWSK07B1	27.56 (700)	Black

Net-Contain™ Wall Beam to Wall Seal Kit (continued)

Part Number	Overall Length In. (mm)	Color	Cabinets, Thermal Mgmt, Racks & Enclosures
CUSRWSK08B1	31.5 (800)	Black	
CUSRWSK24B1	94.49 (2400)		

Net-Contain™ End-of-Row Cap

- Seals the gap at the end of a containment aisle to maintain thermal integrity and airflow efficiency
- Designed for Universal Single Row Containment systems that fits 42/45RU and 48/52RU heights
- Compatible with sliding doors and roofing sections for complete containment solutions
- Durable construction for retrofit or new data center deployments



CUEOR12CPB1



CUEOR18CPB1



CUSREORCPB1

Part Number	For Roof Containment	For Vertical Wall Containment	Aisle Width In. (mm)	Containment System Type	Color	Grounding & Bonding
CUEOR12CPB1	Yes	Yes	48 (1200)	Universal Aisle Containment	Black	
CUEOR18CPB1			71 (1800)			
CUSREORCPB1			35 (900)	Universal Aisle Containment/Universal Single Row Containment		

Net-Contain™ End-of-Row Kit

- Fills gaps in containment where cabinets are not deployed, maintaining thermal integrity
- Compatible with Universal Aisle and Single Row Containment systems for hot or cold aisle setups
- Includes drop-away panel roofing for fire safety compliance and easy installation



CUEORF03DPB1

Part Number	For Roof Containment	For Vertical Wall Containment	Aisle Width In. (mm)	Containment System Type	Color	
CUEORF03DPB1	Yes	Yes	(900)	Universal Aisle Containment/Universal Single Row Containment	Black	Wire Routing, Mgmt & Protection
CUEORF04DPB1			(1200)	Universal Aisle Containment		
CUEORF06DPB1			(1800)			

Net-Contain™ Mid-Span Cabinet Support

- Provides structural reinforcement for long containment rows by supporting cabinets at mid-span
- Compatible with Universal Aisle Containment systems for hot or cold aisle configurations
- Includes brackets and hardware for quick installation and fits 23.6 inches–31.5 inches (600 mm–800 mm) cabinet widths
- Durable steel construction ensures stability and long-term reliability in data centers



CUCMSS03ST01NC



CUCMSS06ST01NC

Part Number	For Roof Containment	For Vertical Wall Containment	Overall Height In. (mm)	Containment System Type
CUCMSS03ST01NC	Yes	Yes	11.81 (300)	Universal Aisle Containment/Universal Single Row Containment
CUCMSS06ST01NC			23.62 (600)	

Net-Contain™ Mid-Span Post

- Mid-span post that provides structural support to the UAC frame
- Required for every 2400 mm on partially populated row



CUSMPR52ST01B1

Part Number	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Color
CUSMPR52ST01B1	3.35 (85.2)	2.95 (75)	99.74 (2533.4)	Black

Net-Contain™ Vertical Wall Adapter

- Vertical wall adapter used to mount Vertical Walls to UAC frame in aisle containment
- Mounts vertical walls to containment frames, enabling secure and flexible aisle containment
- Supports multiple cabinet widths for universal compatibility in hot or cold aisle setups
- Enhances airflow management and containment efficiency with durable, easy-to-install design



CUVWA06S06STB1

Part Number	Overall Width In. (mm)	Color
CUVWA06S06STB1	23.62 (600)	Black
CUVWA07S07STB1	27.55 (700)	
CUVWA08S08STB1	31.49 (800)	

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index

Net-Contain™ Vertical Wall Brace

- Vertical wall brace is mounted across the aisle between wall beams to provide extra stability in aisle containment
- Compatible with Universal Aisle and Single Row Containment for hot or cold aisle setups
- Required for every 94.5 inches (2400 mm) length of vertical wall to maintain structural integrity



CUSRVWBW1

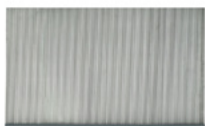


CUVWB12S12STB1

Part Number	For Roof Containment	For Vertical Wall Containment	Aisle Width In. (mm)	Containment System Type	Color
CUSRVWBW1	Yes	Yes	35 (900)	Universal Aisle Containment/Universal Single Row Containment	White
CUVWB12S12STB1			48 (1200)	Universal Aisle Containment	Black

Net-Contain™ Top-of-Cabinet Blanking Panel

- Top of cabinet blanking panel used to fill gaps above cabinets
- Needed when cabinet height is less than UAC frame size



CUTBPR0610HBN1

Part Number	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Color
CUTBPR0610HBN1	39.37 (1)	0.93 (23.6)	23.62 (600)	Gray

Net-Contain™ Roofing Section

- Covers gaps above cabinets for Cold Aisle Containment, improving airflow and energy efficiency
- Includes hardware kit for quick installation
- Compatible with Universal Aisle Containment and Single Row systems for new or retrofit deployments



CURFS06F04HBB1

Part Number	Overall Width In. (mm)	Aisle Width In. (mm)	Color
CURFS06F04HBB1	24.41 (620)	(1200)	Black
CURFS06F06HBB1		(1800)	
CURFS07F04HBB1	28.35 (720)	(1200)	
CURFS07F06HBB1		(1800)	
CURFS08F04HBB1	32.28 (820)	(1200)	
CURFS08F06HBB1		(1800)	

Net-Contain™ Rigid Roof Panel

- Provides a solid roof section for Cold Aisle Containment, improving airflow and energy efficiency
- Includes hardware kit for easy installation
- Compatible with Universal Aisle Containment systems for new or retrofit data center deployments



CUSRRFS06B1

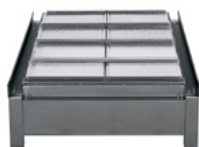
Part Number	For Roof Containment	For Vertical Wall Containment	Aisle Width In. (mm)	Overall Width In. (mm)	Containment System Type	Color
CUSRRFS06B1	Yes	Yes	(900)	24.41 (620)	Universal Aisle Containment/ Universal Single Row Containment	Black
CUSRRFS07B1				28.35 (720)		
CUSRRFS08B1				32.28 (820)		

Net-Contain™ Ceiling Grid Kit

- Creates a secure overhead grid for mounting containment panels and accessories in data centers
- Supports hot or cold aisle containment, compatible with Universal Aisle systems
- Includes brackets, connectors, and hardware for quick, tool-less installation
- Durable steel construction for long-term reliability



CUCGF03DPB1



CUCGF04DPB1



CUCGF06DPB1

Part Number	For Roof Containment	For Vertical Wall Containment	Overall Width In. (mm)	Overall Length In. (mm)	Overall Height In. (mm)	Color
CUCGF03DPB1	No	No	37.91 (963)	24.3 (617)	0.34 (8.6)	Black
CUCGF04DPB1	Yes		50.46 (1281.6)			
CUCGF06DPB1			74.08 (1881.6)			



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Net-Contain™ Containment Dual Sliding Door

- Dual sliding doors provide thermal seal at the end of the row and attach to the end of row frames
- Provides easy access to containment aisles while maintaining thermal separation for efficiency
- Dual sliding design saves space and supports smooth operation in high-density environments
- Compatible with Universal Aisle Containment systems for hot or cold aisle setups
- Includes hardware for quick installation



CUD1SDB1



CUD2SDB1

Part Number	For Roof Containment	For Vertical Wall Containment	Aisle Width In. (mm)	Std. Pkg. Qty.
CUD1SDB1	Yes	Yes	48 (1200)	1
CUD2SDB1			72 (1800)	2

Net-Contain™ Single Sliding Door

- Used with Universal Single Row Containment and Universal Aisle Containment with 95.0 inches (900 mm) aisle widths
- CUSR1SDLHB1 has a left hand opening and CUSR1SDRHB1 has a right hand opening



CUSR1SDLHB1

Part Number	For Roof Containment	For Vertical Wall Containment	Aisle Width In. (mm)	Containment System Type	Color
CUSR1SDLHB1	Yes	Yes	35 (900)	Universal Single Row Containment	Black
CUSR1SDRHB1					

Net-Contain™ Full Blanking Panel

- Full blanking panel used to fill gap in containment where cabinets have not been deployed
- Seals empty cabinet spaces in containment aisles to maintain airflow separation and improve cooling efficiency
- Includes lower guide and instruction sheet for quick, tool-less installation in Net-Contain™ UAC systems



CUFBPR4206HBB1

Part Number	Number of Rack Units	Color
CUFBPR4206HBB1	42	Black
CUFBPR4506HBB1	45	
CUFBPR4806HBB1	48	
CUFBPR5206HBB1	52	

Containment Conversion Kit

- Converts existing cabinet rows into Universal Aisle Containment for improved airflow and thermal efficiency
- Includes end-of-row frames and caps for both roof and vertical wall containment configurations
- Supports aisle widths of 35.4, 47.2, and 70.9 inches (900, 1200, and 1800 mm) and is compatible with 42–52RU cabinet heights



CUEFRCKITB1

Part Number	For Roof Containment	For Vertical Wall Containment	Aisle Width In. (mm)	Containment System Type	Color
CUEFRCKITB1	Yes	Yes	35 (900)	Universal Aisle Containment	Black

CID Air Inlet Duct

- Deliver cooling air directly from the cold aisle into the intake fans of switches
- Require no energy to operate; eliminating a point of failure
- Ensures front to back cooling airflow which enables an effective deployment of network switches with a Net-Contain3 Cold Aisle Containment deployment
- Enable reduced fan power energy consumption by allowing lower fan speeds; improving the reliability of the switch



CID1RU22-23DB1



CID2RU16-20DB1

Part Number	For Use With	Number of Rack Units	Overall Depth In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Color
CID1RU22-23DB1	Cisco Nexus 9372 Switch	1	9.4 (240.2)	18.3 (465)	1.8 (45.8)	Black
CID2RU16-20DB1		2	19.9 (505.5)	19 (483)	3.54 (90.1)	

CID1RU22-23DB1 is compatible with 21.5" - 23.5" (546.1mm - 596.9mm) switch depth.
CID2RU16-20DB1 is compatible with 16.0" - 20.0" (406.4mm - 508.0mm) switch depth.

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Open-Access™ Vertical D-Ring

- Standard EIA hole spacing allows product to be mounted to any standard rack
- Flexible material allows arm to rotate so entire cable bundle can be inserted and removed
- Rounded edges prevent damage to cable insulation
- 1/4" (M6) mounting hole allows for a variety of screws to secure the D-ring to a surface
- Create a structured pathway and allows for open access
- Material: Black Flame Retardant Polycarbonate



CMVDR1



CMVDR1S

Part Number	Number of Rack Units	Overall Depth (In.)
CMVDR1	1	5.7
CMVDR1S		3.26

DI Net-Direct™ Air Inlet Duct

- Deliver cooling air directly from the cold aisle into the intake fans of switches
- Require no energy to operate; eliminating a point a failure
- Ensures front to back cooling airflow which enables an effective deployment of network switches with a Net-Contain™ Cold Aisle Containment deployment
- Enable reduced fan power energy consumption by allowing lower fan speeds; improving the reliability of the switch



DIFBA2002S00S



DIRBB2007S21W

Part Number	For Use With	Overall Depth In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)
DIFBA2002S00S	Cisco Nexus 9396 Switch	30 (762)	19.2 (487)	3.5 (88.9)
DIRBB2007S21W	Cisco Nexus 7004 Switch	24.25 (616)	20.87 (530.1)	14.78 (375.4)



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Net-Direct™ Air Inlet Duct

- Inlet duct solutions deliver cooling air directly from the cold aisle into the intake fans of switches
- Inlet ducts are completely passive, requiring no energy to operate and eliminating a point of failure
- Ensures front to back cooling airflow which enables an effective deployment of network switches with a Net-Contain™ Cold Aisle Containment deployment
- Inlet ducts enable reduced fan power energy consumption by allowing lower fan speeds, improving the reliability of the switch
- 1RU duct that resides in-line and below switch provides cold aisle airflow
- Optimized for use in server cabinet applications



CDE2

Part Number	Number of Rack Units	Material	Overall Depth In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	For Use With	Color
CDE2	2	Steel	30 (762)	19 (482.6)	3.5 (88)	Cisco Nexus Fabric Extenders: N2K-C2148T-1GE, N2K-C2248TP-1GE, and N2K-C2232PP-10GE. Cisco Switches: WS-C4948E-F, WS-C4948E-F-S, and WS-C4948E-F-E	Black

Thermal Exhaust Kit

- Enables high-density server cooling by directing hot air away from FlexFusion cabinets
- Includes solid hinged door, VED-ready top cap, rear plate, and support spanner for easy installation
- Compatible with 23.6–31.5 inches (600–800 mm) wide cabinets in 45RU and 48RU sizes
- Works with VED chimneys to eliminate data center hot spots and improve airflow



XG-TEKIT845B

Part Number	Number of Rack Units	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Color
XG-TEKIT845B	45	30.9 (785)	2 (50)	82 (2083)	Black
XG-TEKIT845W					White
XG-TEKIT848B	48			87.2 (2216)	Black
XG-TEKIT848W					White

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

Signs,
Labels
& ID

Wire
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Brush-Seal Blanking Panel

- Brush seal blanking panel with front to back cable pass-through
- Direct airflow in cabinet applications
- Mount to standard EIA 19" racks or cabinets
- Reserve rack unit space for future use



BR1B

Part Number	Number of Rack Units	Color
BR1B	1	Black

Cool Boot® Air Sealing Fitting

- Used to seal off cabinet top openings when cables are routed through the top of a cabinet
- Airtight fabric and Ultra-Cinch Tie close top of fabric, minimizing hot air bypass around cables to improve cooling of network equipment and reduce energy costs



CTGN1X5



CTGN3X5



CTGN6X6

Part Number	For Use With	Overall Depth In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)
CTGN1X5	Net-Access Cabinets (600mm Width)	1.97 (50)	5.36 (136.2)	8.57 (217.9)
CTGN3X5	FlexFusion Cabinets (600mm, 700mm, 800mm Width), Net-Access Cabinets (700mm, 800mm Width)	3.89 (98.8)	5.36 (136.1)	8.57 (217.7)
CTGN6X6	Net-Access Cabinets (600mm, 700mm, 800mm, 1000mm Width)	7.05 (179.1)	7.05 (179.1)	7.46 (189.5)

Cool Boot® Cabinet Top Cover and Cable Protection Bezel

- Used to seal off cabinet top openings
- Can also be used to add the cabinet top air sealing fitting to openings where the snap-on cover has been removed



CTCN1X5



CTCN3X5



CTCN6X6

Part Number	Material	For Use With	Overall Depth In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)
CTCN1X5	ABS	Net-Access Cabinets	5.13 (130.3)	5.68 (144.3)	0.61 (15.5)
CTCN3X5		FlexFusion Cabinets, Net-Access Cabinets			4 (15.5)
CTCN6X6		Net-Access Cabinets	7.05 (179)	7.05 (179)	0.61 (15.5)

Cool Boot® Cable Protection Bezel

- Used to provide a protective edge for cables routed through the 6.5" x 6.5" (165.1mm x 165.1mm) cabinet top openings after knockouts are removed
- Can also be used to add the CTGN6X6 to openings where knockouts has been removed



CTNBZL6X6

Part Number	For Use With	Overall Depth In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)
CTNBZL6X6	Net-Access Cabinets	6.5 (165.1)	7.05 (179)	0.61 (15.5)

Cool Boot® Raised Floor Air Sealing Grommet



- Seals raised floor cutouts to minimize bypass airflow and improve cooling efficiency in hot/cold aisle environments
- Compatible with new and retrofit installations and includes airtight fabric and Tak-Ty® closure system for secure fit
- Electrostatic dissipative, flame-retardant materials meet UL94 V- and FAR 25.853 flammability standards
- RoHS and NEC compliant with availability in multiple sizes for flexible cable routing and containment



RFG3DSMY



RFG6X8SMY



RFG6X8Y



RFG8X8SMY



RFG8X8Y

Part Number	Mounting Type	Overall Width In. (mm)	Overall Height In. (mm)	Color
RFG3DSMY	Surface Mount	4.5 (114.3)	4.5 (114.3)	Navy Blue
RFG6X8SMY		6 (152.4)	8 (203.2)	
RFG6X8Y	Integral Mount			
RFG8X8SMY	Surface Mount			
RFG8X8Y	Integral Mount			

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Full-Length Blanking Shade

- Full-length blanking shade blanks out 1-52 consecutive rack units on standard 19" (482.6mm) wide vertical mounting rails
- Tool-less design with latch handle for quick installation on most standard racks and cabinets
- Adjustable shade length with spring-loaded clips that allow easy positioning and secure lockin
- Complements Panduit cooling accessories and containment systems for optimized thermal management



FLBSIM-51

Part Number	Overall Depth In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Color
★ FLBSIM-51	3.11 (79)	19.1 (486.7)	2.82 (71.6)	Black

Tool-less Blanking Panel

- Snap-in design installs by hand, no screws or tools required, improving productivity
- Seals unused rack openings to reduce bypass airflow and enhance cooling efficiency
- Non-metallic ABS construction



TLBP1R-V10

TLBP1S-V

TLBP2R-V10

TLBP2S-V

Part Number	Number of Rack Units	Mounting Bolt Method	Color
TLBP1R-V10	1	Threaded	White
TLBP1S-V		Cage Nut	Black
TLBP1S-V10			White
TLBP2R-V10	2	Threaded	Black
TLBP2S-V		Cage Nut	
TLBP2S-V10			



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Adjustable Rail 4-Post Rack

- Independent adjustable front and rear mounting rails can be adjusted while the rack is secured to the floor
- Printed rack space identification on all equipment rails allows for quick location of rack spaces (shipped numbers up per TIA-606 specifications)
- Can be set to number down by flipping the rails)
- Multiple mounting holes in top flanges for securing overhead pathways
- Weld nut construction eliminates the need for a second wrench increasing speed and ease of assembly
- Vertical cable managers mount directly to the 4-Post Rack at any of the four corners
- Paint piercing washers included to electrically bond rack for simplified grounding



R4P



R4P23CN



R4P36



R4P36CN



R4P42CN

Part Number	Overall Height In. (mm)	Overall Width In. (mm)	Extended Depth In. (mm)	Number of Rack Units	Mounting Bolt Method	Mounting Hole Thread Size	Static Load Capacity lb/ft (Kg)	Color
 R4P	84 (2133)	23.25 (591)	30 (762)	45	Threaded	#12-24	2500 (1134)	Black
R4P23CN			23 (584)		Cage Nut			
R4P36			36 (914)		Threaded			
R4P36CN			41.5 (1054)		Cage Nut			
R4P42CN								
 R4PCN			30 (762)					

Adjustable Depth Wall Mount Rack

- Wall mountable designed to support network equipment found in data center, telecommunication room, and lab environments
- Supports equipment mounting depths from 18 inches, 21.5 inches, and 25 inches to provide greater flexibility with a single part number
- Front weldments with adjustable front-to-back braces provide the required strength and flexibility needed to work with various types of active equipment
- Open design allows for maximum airflow in and around the rack
- Horizontal slots on the adjustable wall attachment brackets are compatible with Tak-Ty® closure system and allow for easy front to back cable management
- ETL approved, meets UL2416 with a tested load capacity of 150 lbs. for the 9RU and 12RU and 200 lbs. for the 18RU



AWMR12



AWMR18



AWMR9

Part Number	Overall Height In. (mm)	Overall Width In. (mm)	Extended Depth In. (mm)	Number of Rack Units	Color
AWMR12	22.4 (569.7)	20.3 (515.9)	25 (635)	12	Black
AWMR18	33.7 (854.7)			18	
AWMR9	16.8 (427.5)			9	

PanZone® 2-Post Overhead Distribution Rack



- Ideal solution for adding more rack spaces above racks or cabinets in data centers or telecommunication rooms
- Universal mounting bracket can be mounted to most industry ladder racks, wire basket, or suspended by a threaded rod from ceiling
- Cable management accessories available



PZLRB2U



PZLRB4U



PZLRB6U



PZLRB8U

Part Number	Overall Height In. (mm)	Overall Width In. (mm)	Extended Depth In. (mm)	Number of Rack Units	Mounting Bolt Method	Mounting Hole Thread Size	Static Load Capacity lb/ft (Kg)	Color
PZLRB2U	8.8 (222.3)	20.3 (515)	6.4 (161)	2	Threaded	#12-24	40 (18)	Black
PZLRB4U	12.4 (311.2)			4			60 (27)	
PZLRB6U	16 (405.1)			6			80 (36)	
PZLRB8U	19.4 (494)			8			100 (45.35)	

2-Post Standard Equipment Rack

- Printed rack space identification on all equipment rails allows for quick location of rack spaces
- Numbers up per TIA-606 specifications
- Double-sided #12-24 EIA universal mounting hole spacing
- 24 #12-24 mounting screws included
- Multiple mounting hole locations in each base angle
- Can be used with all cable management and patch panel products in addition to any industry standard 19-inch components
- Paint piercing washers included to electrically bond rack for simplified grounding



R2P



R2P6S

Part Number	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Number of Rack Units	Mounting Bolt Method	Mounting Hole Thread Size	Static Load Capacity lb/ft (Kg)	Color
R2P	84 (2134)	20.3 (516)	15 (381)	45	Threaded	#12-24	1000 (454)	Black
R2P6S			18 (457)				1500 (680)	

When mounting NetRunner Managers to channel rack R2P6S, utilize side mount kit WMPVSMK.

Rack Mount Kit for Strain Relief Bars

- Provides a location where most standard 19-inch strain relief can be securely mounted behind a patch panel
- Offers the ability to mount strain relief bars to single rails with square hole openings
- 1 in. screws provide a surface to mount strain relief bars and hex nut to secure it in place



CNSRBKIT-C

Part Number	Includes
CNSRBKIT-C	(100) #12-24 Screws, (100) #12-24 Hex Nuts, (100) #12-24 Cage Nuts

2-Post Rack Mount Shelf

- Mounting hardware included



SRM19FM1

Part Number	Overall Width In. (mm)	Extended Depth In. (mm)	Number of Rack Units	Material	Static Load Capacity lb/ft (Kg)	Color
SRM19FM1	19 (483)	15.15 (385)	1	Steel	45 (20)	Black

2-Post Rack PDU Mounting Bracket Kit

- Enables secure PDU installation of 2-Post racks
- Positions PDUs to support consistent airflow paths
- Provides organized routing for power and network cabling



R2PPDUB

Part Number	Material	Overall Width In. (mm)	Extended Height In. (mm)	Extended Depth In. (mm)	Includes	Color
R2PPDUB	Steel	1.2 (31)	6.2 (157)	20.4 (518)	(2) Each PDU Mounting Bracket and Mounting Bracket Extension	Black

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

Signs,
Labels
& ID

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4-Post Rack PDU Mounting Bracket Kit

- Secures PDUs to the rear of 4-Post racks for structured equipment layouts
- Positions PDUs to support airflow paths through the rack
- Provides stable mounting points for organized cable routing



CVPDUB

Part Number	Material	Overall Width In. (mm)	Overall Height In. (mm)	Includes	Color
CVPDUB	Steel	3.6 (91)	6 (152)	(1) Pair of PDU Brackets, (1) Mounting Hardware Kit	Black

4-Post Rack Shelf

- Mounting hardware included
- Vented shelves provide better heat distribution for active equipment



RSHLF

Part Number	Overall Width In. (mm)	Extended Depth In. (mm)	Number of Rack Units	Material	Static Load Capacity lb/ft (Kg)	Color
RSHLF	19 (483)	30.5 (774)	1	Steel	275 (125)	Black

Panel Extender Bracket

- 1RU panel extender bracket designed to mount 19" accessories in 23" wide racks
- Includes two steel brackets and mounting screws; black finish for professional appearance
- Compatible with NetManager® and other Panduit rack systems; RoHS3 compliant
- Offset bracket design maintains flush mounting of panels for clean cable management



PEB1



PEB2

Part Number	Number of Rack Units	Includes	Color
PEB1	1	(2) Extender brackets, Screws	Black
PEB2	2		

PatchRunner™ 2 Horizontal Manager

- High-density form factor optimizes rack space utilization in data center environments
- Integrated cable retainers secure routed cables to maintain pathway organization and reduce the risk of unintended disconnections
- Flexible fingers control bend radius to protect cable integrity and maintain signal performance
- Compatible with both 2-post and 4-post racks for integration into existing rack infrastructures



PR2HF1

PR2HF2

PR2HF3

PR2HF4

Part Number	Product Type	Number of Rack Units	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Color
PR2HF1	Single-Sided Manager	1	1.79 (45)	19 (484)	7.9 (202)	Black
PR2HF2		2	3.6 (90)			
PR2HF3		3	5.41 (135)			
PR2HF4		4	7.1 (179)			

NetManager™ High Capacity Cable Manager

- Innovative inset fingers slope inward toward back of managers offering unobstructed access to network cabling for easier moves, adds, and changes
- Rear cable management finger spacing utilizes open D-rings for greater accessibility
- Can be used to create large capacity horizontal pathways for routing cable
- Front and rear dual hinged cover allow cable access without removing cover
- Pass-through holes allow for front to rear cabling
- Built-in cable retainers hold cable in place for easy moves, adds, and changes
- Covers and #12-24 mounting screws included



NM1

NM2

NMF1

NMF1WH

NMF2

Part Number	Product Type	Number of Rack Units	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Color
NM1	Dual-Sided Manager	1	1.7 (44)	19 (483)	13.1 (332)	Black
NM2		2	3.5 (88)			
NMF1	Single-Sided Manager	1	1.7 (44)	19 (483)	6.2 (157)	White
NMF1WH						Black
NMF2		2	3.5 (88)			White
NMF2WH						Black

Recommended for use with NetRunner WMPVHC45E Vertical Manager or PatchRunner 2 Vertical Managers.

Open-Access™ Horizontal Manager

- D-ring managers provide an open and efficient way to manage cable
- D-ring design provides flexibility for easy moves, adds, and changes
- Pass-through holes allow front to rear cabling
- Mount to 19" EIA racks and cabinets
- Hardware included
- Ideal when positioning managers above and below a 1RU patch panel or switch for better port access



CMPHF1

CMPHF2

Part Number	Product Type	Number of Rack Units	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Color
CMPHF1	Single-Sided Manager	1	1.72 (43.7)	19 (483)	3.4 (87)	Black
CMPHF2		2	3.47 (88.1)			

PatchLink™ Horizontal Manager

- Lightweight plastic construction provides durability and easy installation
- Dual hinged cover allows cable access without removing cover
- Rounded edges on fingers protect cables from snags and damage to cable
- Flexible fingers allow easy installation and removal of cables
- Pass-through holes allow front to rear cabling
- Covers and #12-24 mounting screws included



WMP1E

WMPF1E

WMPFSE

WMPH2E

WMPHF2E

Part Number	Product Type	Number of Rack Units	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Color
WMP1E	Dual-Sided Manager	2	3.5 (88.9)	19 (483)	8.9 (226)	Black
WMPF1E	Single-Sided Manager					
WMPFSE		1	1.7 (44.1)		3.7 (93.7)	
WMPH2E	Dual-Sided Manager	2	3.5 (88.9)		8.9 (226)	
WMPHF2E	Single-Sided Manager					
WMPLFSE			1.74 (44.1)		2.7 (68.3)	
WMPLSE	Dual-Sided Manager	1	1.7 (44.1)		7.9 (200.1)	
WMPSE					8.9 (226)	

Recommended for use with NetRunner WMPVHC45E and WMPVHCF45E Vertical Cable Managers.

PatchRunner™ 2 Enhanced Vertical Manager

- Open backbone design that accepts 19" EIA accessories mounted vertically in a 0RU format
- The 26.8-inch depth provides 45% more capacity than equivalent PR2V manager



PE2VD06



PE2VD08



PE2VD12



PE2VFD06



PE2VSD10

Part Number	Product Type	Number of Rack Units	Number of Doors	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Color
★ PE2VD06	Dual-Sided Manager	45	2	83.9 (2131)	6 (152.4)	26.8 (680.7)	Black
★ PE2VD08				83.6 (2131.1)	8 (203.2)		
PE2VD10					10 (254)		
★ PE2VD12				83.9 (2131)	12 (304.8)		
PE2VFD06	Single-Sided Manager	45	1	83.6 (2131.1)	6 (152.4)	16.3 (414.8)	
PE2VSD10	Dual-Sided Manager				10 (254)	26.8 (680.7)	

PatchRunner™ 2 Single-Sided End Panel

- Single-sided end panel designed for PR2VFD cable managers in 45RU and 52RU configurations
- Mounts directly to equipment rails with two bracket options for flexible installation
- Includes snap-on covers for a clean finish and simplified cable management
- Ideal for closing off end-of-row setups in open-frame racks



PR2VFEP96



PR2VFEP96WH



PR2VFEPWH

Part Number	Number of Rack Units	Color	For Use With
PR2VFEP96	52	Black	52RU PR2VFD Vertical Cable Managers
PR2VFEP96WH		White	
PR2VFEPWH	45	White	45RU PR2VFD Vertical Cable Managers

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PatchRunner™ 2 Vertical Manager

- Push-to-close door mechanism enables quick access while maintaining a clean, enclosed cable pathway
- Doors ship pre-installed with managers, reducing installation steps and minimizing packaging waste
- Bracket-free mounting design supports faster installation and simplified field deployment
- Individual cable fingers align with rack spaces to support efficient routing changes during moves, adds, and changes
- Integrated bend-radius control manages cable transitions to protect signal integrity
- Optional snap-on vertical retainers and slack management spools support cable retention and standardized patch-cord slack management

Cabinets,
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Mgmt,
Racks &
Enclosures

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Fiber Optic
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Hardware

Safety &
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Signs,
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Wire
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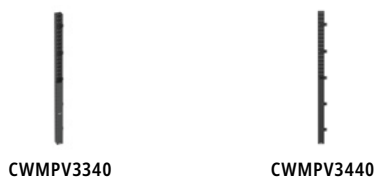


Part Number		Product Type	Number of Rack Units	Number of Doors	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Color	
★	PR2VD06	Dual-Sided Manager	45	2	83.88 (2130.4)	6 (152.4)	20.7 (526.4)	Black	
★	PR2VFD06	Single-Sided Manager		1		8 (203.2)	12 (304.5)		
	PR2VFD08								
★	PR2VSD06	Dual-Sided Manager					6 (152.4)		20.2 (526.4)
★	PR2VSD08								

Select offerings available in white, visit panduit.com.

In-Cabinet Cable Management System

- For managing cable within cabinets 27 inches or wider
- Attach to equipment mounting rails
- Two mounting bracket options to facilitate mounting to various cabinet configurations
- Snap-on covers included



Part Number	Product Type	Orientation	Number of Rack Units	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Color
CWMPV3340	Single-Sided Manager	Vertical	40	70 (1778)	3.25 (83)	3.24 (82.3)	Black
CWMPV3440				71.9 (1825)	2.94 (74.6)	4.28 (108.7)	

NetRunner™ Vertical Manager

- Integral cable retainers on the end of each finger provide easy access to route cables between fingers
- Bend radius fingers align with rack spaces to support cables as they transition to the vertical pathway
- Dual hinged covers can be opened 110° to the left or right to provide complete access to the cables inside the vertical pathway
- Vertical managers include hinged covers, mounting brackets, and #12-24 screws



WMPV22E



WMPV45E



WMPVHC45E



WMPVHCF45E

Part Number	Product Type	Number of Rack Units	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Color
WMPV22E	Dual-Sided Manager	22.5	41.5 (1054)	4.9 (125)	12 (306)	Black
WMPV45E		45	83 (2108)		14.1 (357)	
WMPVHC45E	Single-Sided Manager			6.7 (170)	7.6 (193)	
WMPVHCF45E						

PatchRunner™ 2 Dual-Sided End Panel

- Designed to provide a clean, professional finish to the end of a cable management row
- Built for long-term performance and structural integrity in high-density network environments
- Seamlessly integrates with Panduit PR2VD and PR2VSD cable management systems for enhanced organization and aesthetics



PR2VEP

Part Number	For Use With	Color
PR2VEP	45RU PR2V Dual-Sided Vertical Cable Managers	Black

PatchRunner™ 2 Slack Spool

- 7-inch front slack management spool for PatchRunner™ 2 Vertical Cable Managers
- Easily repositioned to optimize cable layout and maintain bend radius control
- Compatible with PR2V and PE2V systems; ideal for high-density network environments
- Made of durable polycarbonate; RoHS compliant and designed for tool-less installation



PRSP7

Part Number	For Use With	Overall Depth In. (mm)	Color
PRSP7	PR2V/PE2V Vertical Cable Managers	7 (177.8)	Black

TrueEdge™ Vertical Wall Mount Enclosure



- The low-profile enclosure provides an efficient way to deploy switch and server systems in an open architecture environment
- Capable of being used as a telecommunications room, extension of the telecommunications room, micro data center, or edge deploy
- Capable of mounting up to 36 inches of active equipment depth and has the capability of vertical patching
- Engineered to properly ventilate for use with various networking equipment such as, but not limited to, Power over Ethernet (PoE) Switches and Uninterrupted Power Supplies (UPS)
- Removable, perforated top and bottom is optimal for air flow, heat dissipation, and equipment access
- Adjustable equipment brackets for accommodation of server and/or switch applications
- Removable and secure top cover and bottom plate allow for easy installation and provides secure access to installed equipment
- Load rating to accommodate a static load of up to 400 lbs.
- Easily installed by one person

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Hardware

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& ID

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Routing,
Mgmt &
Protection

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Termination

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WME3BL



WME3WH



WME6BL



WME6WH



WME9BL

Part Number	Material	Number of Rack Units	Max. Load Capacity (lb)	Overall Depth In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Includes	Color
WME3BL	Steel	3	200	9.5 (240)	28.5 (724)	42 (1068)	(1) Vertical Wall Mount Enclosure, (1) Pair of Horizontal Active Equipment Rails (3RU), (1) Pair of Angled Passive Equipment Rails (3RU), (4) #12-24 Screws, (4) M5 Thread Forming Screws, (1) Roll of Tak-Ty® Hook and Loop Cable Tie, (2) Keys, (1) Roll of Grommet Edging, (1) Hardware Kit	Black
WME3WH	Steel	3	200	9.5 (240)	28.5 (724)	42 (1068)	(1) Vertical Wall Mount Enclosure, (1) Pair of Horizontal Active Equipment Rails (3RU), (1) Pair of Angled Passive Equipment Rails (3RU), (4) #12-24 Screws, (4) M5 Thread Forming Screws, (1) Roll of Tak-Ty® Hook and Loop Cable Tie, (2) Keys, (1) Roll of Grommet Edging, (1) Hardware Kit	White

TrueEdge™ Vertical Wall Mount Enclosure (continued)

Part Number	Material	Number of Rack Units	Max. Load Capacity (lb)	Overall Depth In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Includes	Color
WME6BL	Steel	6	300	14.7 (374)	28.5 (724)	42 (1068)	(1) Vertical Wall Mount Enclosure, (1) Pair of Horizontal Active Equipment Rails (6RU), (1) Pair of Angled Passive Equipment Rails (6RU), (4) #12-24 Screws, (4) M5 Thread Forming Screws, (1) Roll of Tak-Ty® Hook and Loop Cable Tie, (2) Keys, (1) Roll of Grommet Edging, (1) Hardware Kit, (1) Door Guide Ramp	Black
WME6WH							White	
WME9BL		9	400	19.9 (506)			(1) Vertical Wall Mount Enclosure, (1) Pair of Horizontal Active Equipment Rails (9RU), (1) Pair of Angled Passive Equipment Rails (9RU), (4) #12-24 Screws, (4) M5 Thread Forming Screws, (1) Roll of Tak-Ty® Hook and Loop Cable Tie, (2) Keys, (1) Roll of Grommet Edging, (1) Hardware Kit, (1) Door Guide Ramp	Black
WME9WH							White	

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Power, Env,
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Hardware

TrueEdge™ Brush Pass-Through Kit

- Designed for TrueEdge™ Vertical Wall Mount Enclosures
- Enables clean cable entry while minimizing dust and debris infiltration
- Compatible with WME3BL, WME6BL, and WME9BL enclosures; installs easily with included hardware
- Ideal for maintaining airflow and cable protection in compact network setups



WMEBR

Part Number	For Use With	Includes	Color
WMEBR	PanZone® TrueEdge™ Enclosures (WME)	(2) Brushed Entry Plates, (9) M4 X 6mm Button Head Screws	Black

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

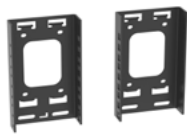
Wire
Termination

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TrueEdge™ Equipment Rail Kit

- Equipment rails designed for use with Panduit WME3BL wall mount enclosures
- Enables vertical mounting of active equipment in low-profile deployments
- Adjustable rails support patch panels and up to 36" of usable depth
- Made of durable mild steel; dimensions: 28.6"W x 9.5"D x 42"H



WME3ERAIL



WME6ERAIL



WME9ERAIL

Part Number	Material	For Use With	Number of Rack Units	Color
WME3ERAIL	Steel	PanZone® TrueEdge™ Enclosure WME3**	3	Black
WME6ERAIL		PanZone® TrueEdge™ Enclosure WME6**	6	
WME9ERAIL		PanZone® TrueEdge™ Enclosure WME9**	9	

TrueEdge™ Vertical Bracket

- Adjustable equipment brackets for accommodation of server and/or switch applications



WME0UB

Part Number	For Use With	Number of Rack Units
WME0UB	PanZone® TrueEdge™ Enclosures (WME)	1

TrueEdge™ Horizontal Bracket

- Adjustable equipment brackets for accommodation of server and/or switch applications



WME31RU



WME61RU

Part Number	Material	For Use With	Number of Rack Units	Color
WME31RU	Steel	PanZone® TrueEdge™ Enclosure WME3**	1	Black
WME61RU		PanZone® TrueEdge™ Enclosure WME6**		

PanZone® In-Ceiling Enclosure

- Hinged door with integrated 110 V exhaust fan and gas assist air cylinders for restraining the load on the ceiling door when opening
- Ceiling tile brackets and cutout template for inserting ceiling tile on the enclosure door
- Thermal management design optimizes air flow for improved heat dissipation, ideal for high heat load network equipment
- Two-tier mounting bracket accommodates two rack spaces of active equipment up to 17.5 inches deep and three additional rack spaces up to 13.5 inches deep for improved network design flexibility
- 50 lb. door weight capacity
- Includes door plate, equipment mounting bracket, and integrated horizontal cable slack manager
- AC power ready – receptacle not included
- Available in active (includes low-decibel 60 CFM fan) and passive (no fan) configurations
- Keys for locking latch to secure the ceiling door
- UL 2043 Plenum rated and UL 1863 rated



PZICE



PZICEA

Part Number	Overall Width In. (mm)	Overall Depth In. (mm)	Overall Height In. (mm)	Number of Rack Units	Max. Load Capacity lb/ft (Kg)	Material	Color
PZICE	23.5 (596.9)	13.43 (341.1)	23.5 (596.9)	8	50 (22.7)	Steel	White
PZICEA		27.23 (691.6)	13.43 (341.1)				

PanZone® Consolidation Point Box



- Provides a point of connection and configuration within the permanent link to allow interconnection and cross connection to a network service or device
- The use of these enclosures in a zone cable application provides accessibility and flexibility to reconfigure cable runs
- Meets frequently changing organizational requirements and reducing network downtime when reconfigurations happen
- Removable cover protects connection points
- Large openings for cable entry/exit allow for optimum cable capacity and maintains cable bend radius
- Foam around cable entry and exit points, protects from excess dust and debris



CPB12BL



CPB24BL



CPB48BL



CPB6BL

Part Number	Number of Ports	Number of Rack Units	Material	Overall Width In. (mm)	Overall Depth In. (mm)	Overall Height In. (mm)	Color	Includes
CPB12BL	12	–	Steel	7.2 (181.6)	2.5 (63.3)	10.6 (267.8)	Black	(1) Base, (1) Cover, (1) 12-Port Mini-Com® Patch Panel
CPB24BL	24	1		12.2 (308.6)	2 (49.1)	19.4 (492.6)		(1) Base, (1) Cover
CPB48BL	48	2			3.8 (95.3)	19.4 (491.7)		
CPB6BL	6	–		7.2 (181.6)	2.5 (63)	6.3 (158.6)		(1) Base, (1) Cover, (1) 6-Port Mini-Com® Patch Panel

PanZone® Wall Mount Cabinet

- Holds 12, 18, or 26RU of active and passive network equipment plus two additional rack units for power strips and small electronic devices (modems, routers, power strips, etc.)
- Thermal management design (vents, perforated doors, and optional fan) optimizes air flow for improved heat dissipation
- Installed as hinged right or hinged left
- Conduit and wireless access point antenna knockouts provided
- Rear hinging access manages the back of the cabinet
- Accessories include horizontal slack manager, bend radius posts, rear equipment rail kit, and exhaust fan
- Working load rating of 250 lbs. (12 RU), 300 lbs. (18RU) or 350 lbs. (26RU)
- Adjustable rails mount at 1-inch increments to accommodate various depths of network equipment including PoE switches
- Individual rack spaces are identified for ease of equipment mounting
- Keys to secure front and rear doors and side panels



PZWMC1230W



PZWMC1230WH



PZWMC12P



PZWMC12W



PZWMC1830W

Part Number	Overall Width In. (mm)	Overall Depth In. (mm)	Overall Height In. (mm)	Number of Rack Units	Material	Front Door Type	Color	
PZWMC1230W	25 (635)	30 (762)	23.8 (604.5)	12	Steel	Windowed	Black	
PZWMC1230WH			18.5 (471)	9			White	
PZWMC12P		25 (635)	23.8 (604.5)	12		Perforated	Black	
PZWMC12W								
PZWMC1830W		30 (762)	34 (863.6)	18		Windowed		
PZWMC1830WH		25 (635)	18.5 (471)	9			White	
PZWMC18W			34 (863.6)	18			Black	
PZWMC2630W		30 (762)	48.2 (-)	26				
PZWMC2630WH		25 (635)	18.5 (471)	9			White	
PZWMC26W			48.2 (-)	26			Black	
PZWMC9W			18.5 (471)	9				

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PanZone® Rear Rail Kit

- Accessories include horizontal slack manager, bend radius posts, rear equipment rail kit, and exhaust fan
- Adjustable rails mount at 1-inch increments to accommodate various depths of network equipment including PoE switches

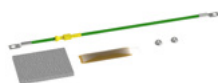


PZWMC12RR

Part Number	Number of Rack Units	For Use With	Includes	Color
PZWMC12RR	12	PanZone® Wall-Mount Cabinets (PZWMC**) 12RU	(2) Vertical Mounting Rails, (4) M6 Thread Forming Screws, (4) External Tooth Lock Washers	Black

Grounding Jumper Kit

- Grounding kit provides a dedicated bonding path to support electrical safety in enclosure installations
- Includes a 13.25-inch 10 AWG grounding cable with lugs for reliable low-impedance connections
- Supplied M5 nuts, cleaning pad, and anti-oxidant paste support proper surface preparation and long-term conductivity



MSGK

Part Number	Includes	Overall Length In. (mm)
MSGK	(1) #10 AWG Grounding cable, (2) M5 Bonding nuts, (1) Cleaning pad, (1) Anti-Oxidant paste	13.25 (336.6)

Multi-Purpose In-Ceiling Enclosure

- Multi-purpose in-ceiling enclosure with hinged steel door supports secure AV, copper, and fiber installations
- Compact form factor enables deployment in space-constrained ceiling environments
- White powder-coated, 18-gauge steel construction provides durability while blending with standard ceiling tiles
- RoHS3-compliant design supports organized cable management in commercial installations



MSICE24

Part Number	Material	Max. Load Capacity (lb)	Inside Height In. (mm)	Overall Depth In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Color
MSICE24	Steel	35	6.9 (175)	6.9 (175)	23.41 (595)	23.5 (595)	White

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Signs,
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Multi-Purpose Wall Mountable Enclosure

- Multi-purpose wall-mount enclosure with hinged reversible door; ideal for AV, copper, or fiber products
- Includes mud guard, vented cover, trim plates, and hardware kit; supports up to 35 lbs load
- Knockouts for conduit and antenna access; perforated for airflow and thermal management
- Adjustable rails and labeled rack spaces simplify equipment mounting and cable organization



MS14EHDS



MS28EHDS



MS42EHDS

Part Number	Material	Max. Load Capacity (lb)	Inside Height In. (mm)	Overall Depth In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Color
MS14EHDS	Steel	35	14.25 (362)	4.05 (103)	15.75 (400)	15.75 (400)	White
MS28EHDS			28.25 (718)			29.75 (756)	
MS42EHDS			42.25 (1073)			43.75 (1111.2)	

Fiber Cassette Adapter Bracket

- Supports two Opticom cassettes for structured fiber installations
- Fits Multi-Purpose enclosures for integrated system builds
- Suitable for wall or in-ceiling mounting locations



MSFCB2

Part Number	Material	Overall Width In. (mm)	Overall Height In. (mm)	Color
MSFCB2	Steel	4.5 (114.3)	2.97 (75.3)	White

Device Strap Bracket Kit

- Includes two push-pull mounting brackets and a 30-inch hook-and-loop cinch tie to support organized cable management within MP enclosures

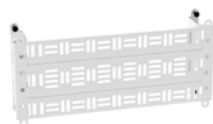


MSBRKT

Part Number	Material	For Use With	Includes
MSBRKT	Steel	Multi-Purpose Enclosures by Panduit®	(2) Brackets, (1) 30" Roll of Hook and Loop Cinch Ties

PanZone® Multi-Purpose Enclosure Device Shelf

- Compatible with PanZone® Multi-Purpose Enclosures; ideal for ONTs and AV equipment
- Enables interconnection and cross-connection within permanent link setups
- Large cable entry openings maintain bend radius and support high cable capacity
- Removable cover and foam seals protect connections from dust and debris



MSSHLF

Part Number	Material	Overall Width In. (mm)	Overall Height In. (mm)	Includes	Color
MSSHLF	Steel	11.84 (300.6)	5.5 (139.7)	(1) 30" Hook and Loop Cinch Tie, (1) 36" Hook and Loop Roll, Spare Fasteners	White

Pre-Configured Industrial Distribution Frame



- Engineered to deploy and protect 19" rack mount Ethernet switches in industrial applications
- Pre-configured, wall mount design delivers up to 25% faster implementation
- Defined equipment locations and cable routings incorporate best practices in connectivity, cable management, wiring and grounding
- Additional back-end space allows for 3X the cooling capacity over typical deployments
- Key-locking wing knobs (mild steel enclosures) limit access to authorized personnel for a secure network
- Detailed installation guide provides easy instructions assuring consistency and saving time on the job-site
- UL Type 4/12 or 4X, UL 508A Listed, IP66 Rated



ZDF242430



ZDF48-RA

Part Number	Material	Compatible Switch Type	Switch Capacity	Number of Rack Units	Includes
 ZDF242430	Mild Steel	19" Rack Mount	2	12	12RU Dual Hinge NEMA 4/12 Enclosure, Keylocking Wing Knobs that provide Access Control to the Enclosure, 2 Keys with Each Enclosure, Accommodations for an Optional Air Conditioner, Installed Front and Rear Cage Nut Rails in Optimized Positions for Equipment Mounting, Installed 2 48-Port Patch Panels, Installed Cable Management, Installed Door Ground Whips, Equipment Ground Whips (One End), Installed Ground Bar, Infrastructure Ground Cable, 10" Long DIN Rail Mounting Provision, Cable/Fiber/Power Penetration Recommendation Template, Instructions for Cable Routing and Management

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Pre-Configured Industrial Distribution Frame (continued)

Part Number	Material	Compatible Switch Type	Switch Capacity	Number of Rack Units	Includes	Cabinets, Thermal Mgmt, Racks & Enclosures
 ZDF48-RA	Mild Steel	19" Rack Mount	5	26	26RU Dual Hinge NEMA 4/12 Enclosure, Keylocking Wing Knobs that provide Access Control to the Enclosure, 2 Keys with Each Enclosure, Accommodations for an Optional Air Conditioner, RAL 7035 Light-Gray, Low Gloss, Lightly Textured Polyester Powder Coat, Installed Front and Rear Cage Nut Rails in Optimized Positions for Equipment Mounting, Installed Power Receptacle, Installed 2 48-Port Patch Panels, Installed Cable Management, Installed Door Ground Whips, Equipment Ground Whips (One End), Installed Ground Bar, Infrastructure Ground Cable, Power Cords, Labeled and Length Optimized, 10" Long DIN Rail Mounting Provision, Cable/Fiber/Power Penetration Recommendation Template, Instructions for Cable Routing and Management	Copper Systems

Wireless Cabling Enclosure

- Accommodates the most popular Wireless Access Points
- Fiberglass construction and aluminum mounting plate allows quick and easy access point installation
- Provisions for padlocks to protect against tampering and theft
- Includes pre-configured mounting template and UTP connectivity kit with 2-position outlet box, Mini-Com® TX6™ PLUS Jack Module, TX6™ PLUS Patch Cord, silicone sealant, and grounding cable
- UL 508A Listed, NEMA 4X and IP66 Rated



PZNWE12



PZNWE14

Part Number	Material	Mount Method	Inside Height In. (mm)	Overall Depth In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Color	Safety & Security
PZNWE12	Fiberglass	Wall Mount	11.7 (297.2)	6.56 (166.6)	13.47 (342.1)	13.56 (344.4)	Gray	
PZNWE14			13.53 (343.7)	6.25 (158.8)	13.5 (342.9)	15.5 (393.7)		



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NEMA 4X Wireless Security Enclosure



- NEMA 4X and IP66 rated enclosure protects wireless equipment from corrosion, windblown dust, rain, splashing water, and hose-directed water
- Fiberglass reinforced polyester construction with pre-drilled aluminum mounting plate supports flexible equipment mounting and field modifications
- Pre-installed tamper-proof pole mount bracket enables secure mounting on wood or metal poles in outdoor and industrial environments
- UL 508A Listed industrial control panel enclosure with integrated 4CS-1/2 handy box for AC power delivery to wireless devices
- Dual pre-drilled cable inlets with NEMA 4X compression fittings maintain enclosure sealing during cable ingress and egress



NWSE1412B

Part Number	Product Type	Material	Mount Method	Overall Depth In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Inside Height In. (mm)
NWSE1412B	Wireless Enclosure	Fiberglass	Pole Mount, Wall Mount	6.25 (159)	13.5 (343)	15.5 (394)	12.88 (327.2)

Pre-Configured NEMA Type 12 Micro Data Center

- Pre-configured solution enables fast deployment of servers, storage, and switches for an industrial network
- Type 12 and IP55 rating provides rugged protection against dust and debris
- Includes space for future expansion of server, storage, and related patching to allow increased network capacity without requiring addition to control room footprint
- Bonded structure helps ensure network reliability and prevent equipment failure
- Integrated cable management with bend radius control maintains bandwidth through the network for increased uptime
- Reference architecture provides a physical map of the logical network layer following recommended installation practices to increase reliability



MDC82NN

Part Number	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	NEMA Rating	IP Rating	Number of Rack Units	Color
MDC82NN	82.1 (2085.3)	28 (711.1)	47.2 (1198.9)	12	IP55	42	Gray

Additional compatible offerings for large and small air-conditioning units (units not included) are available. For reference, see parts MDC82NS and NDC82NL at panduit.com

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Pre-Configured Industrial Network Zone System

- Pre-configured solution delivers up to 75% faster implementation
- Designed to accept customer supplied DIN mount industrial Ethernet switches
- Copper/fiber patch fields and connectivity enable troubleshooting of network connections
- Isolation barrier segregates higher line voltage from lower voltage switch for increased safety
- Bonding provisions and grounding bar ensure path to ground to protect personnel and equipment
- UL Type 4/12 or 4X, UL 508A Listed, CE Approved, IP66 Rated



Z22C-S



Z23C-S

Part Number	Material	Switch Capacity	Downlink Patch Cord Type	Overall Height In. (mm)	Overall Width In. (mm)	Includes
Z22C-S	Mild Steel	1	(8) Category 6 UTP Copper	24 (609.6)	24 (609.6)	(2) Cable Management Side Panels, (1) Slack Plate, (1) 1/2" Conduit Plug for Power Entry, (4) External Mounting Feet, (1) AC Wiring Cover, (1) 17.5" DIN Rail for Switches, (1) 21.5" DIN Rail for Power, (1) Fiber Slack Spool, (1) 6 Port Fiber Surface Mount Box, (1) Strain Relief Bar, (1) DIN Rail Mounted Copper Patching Module, (10) Cable Management L Rings, (1) Ground Bar, (8) 3ft Category 6 Copper Patch Cord, (8) Category 6 Mini-Com Copper Modules, (2) 1m LC Fiber Optic Patch Cords, (6) LC Fiber Optic Adapter Modules
Z23C-S		2	(16) Category 6 UTP Copper	36 (914.4)		(2) Cable Management Side Panels, (1) Top Slack Plate, (1) 1/2" Conduit Plug for Power Entry, (4) External Mounting Feet, (1) AC Wiring Cover, (2) 17.5" DIN Rail for Switches, (1) 21.5" DIN Rail for Power, (1) Fiber Slack Spool, (1) 1-19" Strain Relief Bar, (2) Rack Unit Patch Panel, (1) 6 Port Fiber Surface Mount Box, (9) Cable Management L Rings, (1) Ground Bar, (16) 3ft Category 6 Copper Patch Cord, (16) Category 6 Mini-Com Copper Modules, (4) 1m LC Fiber Optic Patch Cords, (6) LC Fiber Optic Adapter Modules

Products are also available in stainless steel and shielded connectivity options, visit panduit.com.

Full product portfolio and solutions at panduit.com



Universal Industrial Network Zone System

- Pre-installed redundant power supplies and optional UPS and PoE power supply available
- Universal solution delivers up to 75% faster implementation
- Designed to accept customer supplied DIN mount industrial Ethernet switches
- Custom selection of copper/fiber patch fields and connectivity
- Isolation barrier segregates higher line voltage from lower voltage switch for increased safety
- Bonding provisions and grounding bar ensure path to ground to protect personnel and equipment
- UL Type 4/12 or 4X, UL 508A Listed, CE Approved, IP66 Rated
- This offering is available in a variety of configurations. Visit panduit.com/configure



Z22U-S15



Z23U-S21



Z23U-S25

Part Number	Switch Capacity	Downlink Patch Cord Type	Power Source	Overall Height In. (mm)	Overall Width In. (mm)	Includes
Z22U-S15	1	(8) Category 6 UTP Copper	Maintenance-Free UPS	24 (609.6)	24 (609.6)	(2) Cable Management Side Panels, (1) Top Slack Plate, (1) 1/2" Conduit Plug for Power Entry, (1) 6 Port Ground Bar, (4) External Mounting Feet, (1) Protective AC Wiring Cover, (1) DIN Rail for Switches (16.0"), (1) DIN Rail for Power Accessories (20.5"), (1 or 2) 8 Port DIN Rail Mount Copper Patch Module (CDPP8RG), (1 or 2) 8 Port DIN Rail Mount Fiber Patch Module (FDME8RG), (1) 6 or 12 Port Fiber Uplink Patch Panel (6 Port - CBXF6BL-AY and 12 Port - CBXF12BL-AY), (1) Fiber Slack Spool, (1) Strain Relief Bar, (10) Cable Management L Rings
Z22U-S15S		(8) Category 6A STP Copper				
Z23U-S21	2	(16) Category 6 UTP Copper	Battery UPS	36 (914.4)		(2) Cable Management Side Panels, (1) Top Slack Plate, (1) 1/2" Conduit Plug for Power Entry, (1) 6-Port Ground Bar, (4) External Mounting Feet, (1) AC Wiring Cover, (2) DIN Rail for Switches (16.0"), (1) DIN Rail for Power (20.5"), (1) 6 or 12 Port Fiber Uplink Patch Panel (6 Port-CBXF6BL-Y and 12 Port-CBXF12BL-AY), (1) Fiber Slack Spool, (1) Strain Relief Bar, (1) 19", 2 RU 48-Port Patch Panel (CPP48WBLY), (9) Cable Management L Rings
Z23U-S25						
Z23U-S25S		(16) Category 6A STP Copper	Maintenance-Free UPS			(2) Cable Management Side Panels, (1) Top Slack Plate, (1) Blank Gland Plate for Cable Entry and Exit, (1) 1/2" Conduit Plug for Power Entry, (1) 6-Port Ground Bar, (2) External Mount Flanges, (1) AC Wiring Cover, (2) DIN Rail for Switches (16.0"), (1) DIN Rail for Power (20.5"), (1) 6 or 12 Port Fiber Uplink Patch Panel (6 Port-CBXF6BL-Y and 12 Port-CBXF12BL-AY), (1) Fiber Slack Spool, (1) Strain Relief Bar, (1) 19", 2 RU 48-Port Patch Panel (CPP48WBLY), (9) Cable Management L Rings

Products are also available in stainless steel and shielded connectivity options, visit panduit.com.

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Mini-Com® DIN Rail Mount Adapter

- Single-port adapter mounts to standard 35 mm DIN rail to support structured connectivity in control panels and zone enclosures
- Snap-in design accepts any single-module Mini-Com® copper, fiber, or AV module; -S versions support shielded installations
- Compact size and low profile Mini-Com® DIN Rail Mount Adapters save valuable DIN rail space
- -S parts are specific for shielded applications



CADIN1BL



CADIN1BL-S



CADIN1IG



CADIN1IG-S

Part Number	Number of Ports	For Use With	Includes	Color
★ CADIN1BL	1	35mm DIN Rail	(1) Plastic Adapter, (1) Label, (1) Label Cover	Black
CADIN1BL-S				
★ CADIN1IG				International Gray
CADIN1IG-S				

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The 2AM Troubleshooting Call

That Could Have Been Prevented

Outdated cable documentation turns routine maintenance into all-hands emergencies because nobody knows what is plugged in where. **RapidID™ eliminates the guessing game:** pre-labeled patch cords with barcode scanning deliver real-time accuracy.

- ▶ Reduce the time and cost of cable documentation compared to traditional manual approaches
- ▶ Automate the labor-intensive and error-prone cable documentation process that can lead to an outage
- ▶ Free up network engineers to focus on more rewarding and strategic initiatives



For more information, visit
panduit.com/rapidid

PANDUIT®



Going the Extra Distance with Confidence

TX6™-ER delivers measurable power savings with **proven 1G performance up to 150 meters*** and even greater distances at lower data rates. Plus, 22 AWG conductors **cut power loss by 40%** versus standard cable.

- ▶ Rigorously tested using Standards-Based (IEEE 802.3ab) approach
- ▶ Reduces power consumption by 40%
- ▶ Supported by Fluke and other cable testers

For more information, visit
panduit.com/extended-reach-cabling



PANDUIT®



*For point-to-point connections at 20°C.

TX7000™ Category 7 S/FTP Copper Cable for Extreme Environments

- Cable has been tested by an independent laboratory and complies with the electrical standard requirements of ISO 11801 and ANSI/TIA-568.2-E
- Industrial rated cable for reliable performance in harsh environments
- Packaged on a reel for ease in deployment
- Offered in light-duty grades to connect the enterprise and industrial spaces, medium-duty grades for PLCs and various control devices, and heavy-duty grades to withstand industrial and harsh environments, or repetitive motion
- Oil and Fuel Resistant, UV Resistant, for Marine and Harsh Environments



PSM7004BU-KEM

Part Number	Flammability Rating	Cable Construction	Performance Level	Conductor Gauge	Conductor Type	Number of Pairs	Packaging Type	Overall Length ft. (m)	Color
PSM7004BU-KEM	LSZH	S/FTP	Category 7	23 AWG	Stranded	4	Reel	3280 (1000)	Blue

TX6A™ Category 6A U/UTP Copper Cable with Vari-MaTriX Technology

- Enhanced electrical performance margin provides headroom above ANSI/TIA and ISO Category 6A channel requirements
- Small-diameter construction increases cable fill capacity and supports Category 6 upgrade paths
- Reduced cable weight and compact diameter support flexible routing in high-density installations
- Optimized pair geometry minimizes alien crosstalk in dense U/UTP environments
- Vari-MaTriX HD cable construction enhances EMI immunity within U/UTP systems
- LP-rated construction supports thermal performance requirements for PoE applications



PUP6AHD04BU-G



PUR6AHD04BU-G

Part Number	Flammability Rating	Performance Level	Cable Construction	Nominal Cable OD In. (mm)	LP Rating	Packaging Type	Overall Length ft. (m)	Color
★ PUP6AHD04BU-G	Plenum (CMP)	Category 6A	U/UTP	0.23 (5.8)	LP (0.7A)	Reel	1000 (305)	Blue
★ PUR6AHD04BU-G	Riser (CMR)			0.245 (6.2)	–			

PUR6AHD04BU-G available in Canada only.

TX6A™ Category 6A U/UTP Copper Cable

- Cable designed with small diameter to improve cable fill and simplify upgrades from Category 6
- Lighter weight cables, smaller bend radius and increased flexibility ease installation
- Best-in-class alien crosstalk mitigation
- Exceptional performance for PoE++ applications – LP rated



PU06AS04BL-G



PU06X04BL-CEG



PUP6XHD04BU-G



PUR6AS04BU-Z

Part Number	Flammability Rating	Performance Level	Nominal Cable OD In. (mm)	LP Rating	Packaging Type	Color
PU06AS04BL-G	Plenum (CMP)	Category 6A	0.26 (6.6)	-	Reel	Black
PU06X04BL-CEG	-		0.323 (8.2)			
★ PUP6XHD04BU-G	Plenum (CMP)		0.23 (5.8)	LP (0.7A)		Blue
PUR6AS04BU-Z	Riser (CMR)		0.265 (6.7)	LP (0.5A)		

TX6A™ Category 6A F/UTP Copper Cable

- Overall foil-shielded cable construction suppresses alien crosstalk, external noise in high-density environments, and provides network security
- Channel performance exceeds applicable ANSI/TIA and ISO channel requirements
- Outdoor (OSP) cable has a waterproof gel-filled construction which limits moisture migration in underground and wet conduit installations. UV-resistant PE jacket supports outdoor environmental exposure
- Supports IEEE 802.3af, 802.3at, and 802.3bt PoE applications for powered network devices



PFO6X04BL-CEG



PFO6X04BL-CGZ



PFP6X04BU-UGZ

Part Number	Flammability Rating	Performance Level	Cable Construction	Nominal Cable OD In. (mm)	Packaging Type	Overall Length ft. (m)	Color
PFO6X04BL-CEG	-	Category 6A	F/UTP	0.32 (8.2)	Reel	1000 (305)	Black
PFO6X04BL-CGZ				0.33 (8.4)			
PFP6X04BU-UGZ	Plenum (CMP)			0.273 (6.9)			Blue
PFR6X04BU-CGZ	Riser (CMR)			0.288 (7.3)			

PFO6X04BL-CEG and PUR6AHD04BU-G are available in Canada only.

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TX6A™ Category 6A U/FTP Shielded Copper Cable

- Foil-shielded pairs construction suppresses alien crosstalk, external noise in high-density environments, and provides network security
- LP-rated construction supports thermal performance requirements for PoE applications
- Channel performance exceeds applicable ANSI/TIA and ISO channel requirements



PUFP6X04BU-UG

Part Number	Flammability Rating	Performance Level	Cable Construction	Nominal Cable OD In. (mm)	LP Rating	Packaging Type	Overall Length ft. (m)	Color
PUFP6X04BU-UG	Plenum (CMP)	Category 6A	U/FTP	0.295 (7.5)	LP (0.8A)	Reel	1000 (305)	Blue
PUFR6X04BU-UG	Riser (CMR)			0.308 (7.8)	LP (0.5A)			

TX6™ ER Category 6 U/UTP Copper Cable

- Extended Reach Indoor cable utilizes 22 AWG conductors which support data transmission and PoE applications exceeding the standard 100 meter channel length
- UL Listed CMP-LP (0.7A) certification exceeds electrical performance for Category 6 requirements
- Construction supports PoE power delivery in high-density installations



PUP6C2204BL-WZ

Part Number	Flammability Rating	Performance Level	Cable Construction	Nominal Cable OD In. (mm)	Packaging Type	Color	Overall Length ft. (m)
PUP6C2204BL-WZ	Plenum (CMP)	Category 6	U/UTP	0.243 (6.1)	Carton	Black	1000 (305)

Full product portfolio and solutions at panduit.com



TX6™ ER Category 6 U/UTP Outside Plant Copper Cable

- Extended Reach Outdoor (OSP) cable utilizes 22 AWG conductors which support data transmission and PoE applications exceeding the standard 100 meter channel length
- Waterproof gel-filled construction meets requirements for underground and wet conduit installations
- Operating temperature range from -49°F to 176°F supports performance in harsh outdoor environments
- UV-resistant and abrasion-resistant PE jacket supports durability in outdoor installations
- Construction supports PoE power delivery over extended distances



PU06C2204BL-GZ

Part Number	Performance Level	Cable Construction	Nominal Cable OD In. (mm)	Packaging Type	Overall Length ft. (m)	Color
PU06C2204BL-GZ	Category 6	U/UTP	0.291 (7.4)	Reel	1000 (305)	Black

TX6™ Category 6 U/UTP Copper Cable

- Electrical performance margin provides headroom above ANSI/TIA and ISO Category 6 channel requirements
- Performance validated through third-party testing to applicable industry standards
- LP-rated option supports thermal performance requirements for PoE applications



PU06C04BL-CEG



PUP6C04BU-W



PUP6C04BU-WLPZ



PUP6C04BU-WZ



PUR6C04BU-F

Part Number	Flammability Rating	Performance Level	Cable Construction	Nominal Cable OD In. (mm)	LP Rating	Packaging Type	Overall Length ft. (m)	Color
PU06C04BL-CEG	-	Category 6	U/UTP	0.262 (6.7)	-	Reel	1000 (305)	Black
PU06C04BL-CGZ								
PUP6C04BU-W	Plenum (CMP)			0.197 (5)	LP (0.5A)	Carton		Blue
PUP6C04BU-WLPZ				0.205 (5.2)				
PUP6C04BU-WZ				0.23 (5.8)				
PUR6C04BU-F	Riser (CMR)			0.203 (5.2)	-			

PU06C04BL-CEG, PUP6C04BU-W, and PUR6C04BU-F are available in Canada only.

TX6000™ Enhanced Category 6 U/UTP Copper Cable

- Enhanced electrical performance margin provides headroom above ANSI/TIA and ISO Category 6 channel requirements
- Channel performance validated through third-party testing to applicable TIA and ISO standards
- LP-rated option supports thermal performance requirements for PoE applications



Part Number	Flammability Rating	Performance Level	Cable Construction	Nominal Cable OD In. (mm)	LP Rating	Packaging Type	Overall Length ft. (m)	Color
PUP6004BU-ULPZ	Plenum (CMP)	Category 6	U/UTP	0.225 (5.7)	LP (0.5A)	Box	1000 (305)	Blue
★ PUP6004BU-WLPZ						Carton		
PUP6004BU-WZ					–			

Class 4 Unshielded Copper Cable

- Electrical performance margin provides headroom above ANSI/TIA and ISO Category 6A channel requirements
- Small-diameter construction increases cable fill capacity and supports Category 6 upgrade paths
- Reduced cable weight and compact diameter support flexible routing in high-density installations
- Optimized pair geometry minimizes alien crosstalk in dense U/UTP environments
- AXT barrier tape cable construction mitigates EMI within U/UTP systems
- LP-rated construction supports thermal performance requirements for PoE applications



Part Number	Color
PXUOR316BBL-UQ	Black
PXUP116ABU-CQ	Blue
PXUP118ABU-CQ	



TX6A™ 10Gig™ UTP Patch Cord



- Each patch cord is 100% performance tested to component limits
- Tangle-free latch on all plugs
- Supports IEEE 802.3af, 802.3at, and 802.3bt type 3 and 4 for PoE applications up to 100 W
- 24 AWG patch cords support full 100-meter channel length
- De-rating factor: 1.2
- Pre-labeled with the RapidID™ Network Mapping System to enable faster tracing, placing, and network documentation



UTP6AX10



UTP6AX10BL



UTP6AX10BU

Part Number	Performance Level	Shield Type	Conductor Gauge	Nominal Cable OD (In.)	Flammability Rating	Overall Length (ft.)	Color
UTP6AX10	Category 6A	Unshielded (UTP)	24 AWG	0.25	CM	10	Off White
UTP6AX10BL							Black
★ UTP6AX10BU							Blue

Available in a variety of colors and lengths for design flexibility, visit panduit.com.

TX6A™ 10Gig™ UTP Patch Cord



- Each patch cord is 100% performance tested to component limits
- Tangle-free latch on all plugs
- Supports IEEE 802.3af, 802.3at, and 802.3bt type 3 and 4 for PoE applications up to 100 W
- 28 AWG patch cords support up to 96m of channel length when using 6m of patch cord; De-rating factor: 1.9
- Pre-labeled with the RapidID™ Network Mapping System to enable faster tracing, placing, and network documentation



UTP28X10



UTP28X10BL

Part Number	Performance Level	Shield Type	Conductor Gauge	Nominal Cable OD (In.)	Flammability Rating	Overall Length (ft.)	Color
★ UTP28X10	Category 6A	Unshielded (UTP)	28 AWG	0.185	CM/LSZH	10	Off White
UTP28X10BL							Black
★ UTP28X10BU							Blue

Available in a variety of colors and lengths for design flexibility, visit panduit.com.

TX6™ PLUS UTP Patch Cord

- Each patch cord is 100% performance tested to component limits
- Tangle-free latch on all plugs
- Supports IEEE 802.3af, 802.3at, and 802.3bt type 3 and 4 for PoE applications up to 100 W
- 28 AWG patch cords support up to 96m of channel length when using 6m of patch cord; De-rating factor: 1.9
- 24 AWG patch cords support full 100-meter channel length; De-rating factor: 1.2
- Pre-labeled with the RapidID™ Network Mapping System to enable faster tracing, placing, and network documentation

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UTP28SP10



UTP28SP10BL



UTP28SP10BU



UTPSP10BLY



UTPSP10BUY

Part Number		Performance Level	Shield Type	Conductor Gauge	Nominal Cable OD (In.)	Flammability Rating	Overall Length (ft.)	Color
★	UTP28SP10	Category 6	Unshielded (UTP)	28 AWG	0.15	CM/LSZH	10	Off White
	UTP28SP10BL							Black
★	UTP28SP10BU							Blue
	UTPSP10BLY			Black				
★	UTPSP10BUY			24 AWG	0.235	CM		Blue
	UTPSP10Y							Off White

Available in a variety of colors and lengths for design flexibility, visit panduit.com.

TX6A™ 10Gig™ STP Patch Cord

- Each patch cord is 100% performance tested to component limits
- Tangle-free latch on all plugs
- Supports IEEE 802.3af, 802.3at, and 802.3bt type 3 and 4 for PoE applications up to 100 W
- 28 AWG patch cords support up to 96m of channel length when using 6m of patch cord; De-rating factor: 1.9
- 26 AWG patch cords support full 100-meter channel length; De-rating factor: 1.5
- Pre-labeled with the RapidID™ Network Mapping System to enable faster tracing, placing, and network documentation



STP28X1MBL



STP28X1MBU



STP28X1MIG



STP6X1MBL



STP6X1MBU

Part Number	Performance Level	Shield Type	Conductor Gauge	Nominal Cable OD (mm)	Flammability Rating	Overall Length (m)	Color		
STP28X1MBL	Category 6A	Shielded (STP)	28 AWG	4.7	CM/LSZH	1	Black		
STP28X1MBU							Blue		
STP28X1MIG							International Gray		
STP6X1MBL			26 AWG	6.1			Black		
STP6X1MBU							Blue		
STP6X1MIG							International Gray		

Available in a variety of colors and lengths for design flexibility, visit panduit.com.

NetKey® Category 6A UTP Patch Cord with Tangle-Free Latch



- NetKey Copper Patch Cords are 100% performance tested



NK6APC1



NK6APC1BU

Part Number	Performance Level	Shield Type	Conductor Gauge	Nominal Cable OD (In.)	Flammability Rating	Overall Length (ft.)	Color
NK6APC1	Category 6A	Unshielded (UTP)	26 AWG	0.25	CM/LSZH	1	Off White
NK6APC1BU							Blue

Available in a variety of colors and lengths for design flexibility, visit panduit.com.

Mini-Com® TX6A™ 10Gig UTP Jack Module

- Innovative MaTriX split foil technology provides superior alien crosstalk performance enabling high density applications
- Termination wire cap is designated blue for Category 6A performance
- Mini-Com® TG-Style Jack Modules are 100% tested to ensure NEXT and return loss performance and individually serialized for traceability
- Compatible with Mini-Com® Faceplates, Patch Panels, and Surface Mount Boxes



CJ6X88TGBl

Part Number	Shield Type	Performance Level	Termination Style	Color	Std. Pkg. Qty.
CJ6X88TGBl	Unshielded (UTP)	Category 6A	TG Style	Black	1
★ CJ6X88TGBl-24					24
CJ6X88TGBl-C					100

Mini-Com® TX6™ PLUS UTP RJ45 TG Jack Module

- Compatible with Mini-Com® faceplates, patch panels, and surface mount boxes
- Termination wire cap is designated white for Category 6 performance
- Mini-Com® TG-Style Jack Modules are 100% tested to ensure NEXT and return loss performance and individually serialized for traceability
- Uses proven TG-style forward motion termination technology to optimize performance by maintaining cable pair geometry and eliminating conductor untwist



CJ688TGBl

Part Number	Shield Type	Performance Level	Termination Style	Color	Std. Pkg. Qty.
CJ688TGBl	Unshielded (UTP)	Category 6	TG Style	Black	1

Mini-Com® TX6™ PLUS UTP RJ45 TG Jack Module (continued)

Part Number	Shield Type	Performance Level	Termination Style	Color	Std. Pkg. Qty.
 CJ688TGBL-24	Unshielded (UTP)	Category 6	TG Style	Black	24
CJ688TGBL-C					100

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Mini-Com® TX6A™ 10Gig™ STP RJ45 TG Jack Module

- Shielded jack modules snap in and out of all Mini-Com® Faceplates, Metal Modular Patch Panels and Surface Mount Boxes for easy moves, adds, and changes
- Mini-Com® TG-Style Jack Modules are 100% tested to ensure NEXT and return loss performance and individually serialized for traceability
- Uses proven TG-style forward motion termination technology to optimize performance by maintaining cable pair geometry and eliminating conductor untwist



CJ6X88TGBUY



CJS6X88TGY

Part Number	Shield Type	Performance Level	Termination Style	Color
CJ6X88TGBUY	Shielded (STP)	Category 6A	TG Style	Blue
CJS6X88TGY				Black

Available in a variety of colors for design flexibility and bulk packaging options to reduce single-use plastic and simplify job site handling, visit panduit.com.

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Mini-Com® TX6A™ 10Gig™ STP RJ45 Coupler Module

- Exceeds ANSI/TIA-568.2-E Category 6A and ISO 11801 Class EA channel performance
- Female-to-female shielded RJ45 design enables plug-and-play pass-through connectivity
- Supports IEEE 802.3af/at and 802.3bt Type 3 and Type 4 PoE, including Power over HDBaseT up to 100 W
- Rated to 2,500 mating cycles with 50 microinch gold-plated contacts
- Compatible with Mini-Com® Modular Patch Panels and Faceplates



CCS6X88BL

Part Number	Shield Type	Performance Level	Termination Style	Color
CCS6X88BL	Shielded (STP)	Category 6A	Coupler	Black

Not compatible with surface mount box applications.

Available in a variety of colors for design flexibility and 24-port pre-populated patch panels, visit panduit.com.

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Mini-Com® TX6™ PLUS STP RJ45 TG Jack Module

- Shielded jack modules snap in and out of all Mini-Com® Faceplates, Metal Modular Patch Panels and Surface Mount Boxes for easy moves, adds, and changes
- Mini-Com® TG-Style Jack Modules are 100% tested to ensure NEXT and return loss performance and individually serialized for traceability
- Uses proven TG-style forward motion termination technology to optimize performance by maintaining cable pair geometry and eliminating conductor untwist



CJS688TGBUY



CJS688TGY

Part Number	Shield Type	Performance Level	Termination Style	Color	Std. Pkg. Qty.
CJS688TGBUY	Shielded (STP)	Category 6	TG Style	Blue	1
CJS688TGY				Black	24
CJS688TGY-24					

Available in a variety of colors and lengths for design flexibility, visit panduit.com.

Mini-Com® TX6A™ 10Gig™ UTP RJ45 Coupler Module

- Exceeds ANSI/TIA-568.2-E Category 6A and ISO 11801 Class EA channel performance
- Female-to-female RJ45 UTP design enables plug-and-play pass-through connectivity
- Innovative MaTriX split foil technology provides superior alien crosstalk performance enabling high density applications
- Supports IEEE 802.3af/at and 802.3bt Type 3 and Type 4 PoE, including Power over HDBaseT up to 100 W
- Rated to 2,500 mating cycles with 50 microinch gold-plated contacts
- Compatible with Mini-Com® Modular Patch Panels and Faceplates



CC6X88BL

Part Number	Shield Type	Performance Level	Termination Style	Color
★ CC6X88BL	Unshielded (UTP)	Category 6A	Coupler	Black

Not compatible with surface mount box applications.

Available in a variety of colors for design flexibility and 24-port pre-populated patch panels, visit panduit.com.

Full product portfolio and solutions at panduit.com



Mini-Com® TX6™ PLUS UTP RJ45 Coupler Module

- Exceeds ANSI/TIA-568.2-E Category 6 and ISO 11801 Class E channel performance from 1 to 250 MHz
- Female-to-female RJ45 UTP design enables plug-and-play pass-through connectivity
- Supports IEEE 802.3af/at and 802.3bt Type 3 and Type 4 PoE, including Power over HDBaseT up to 100 W
- Allows up to two couplers per channel while maintaining Category 6/Class E performance
- Compatible with Mini-Com® Modular Patch Panels and Faceplates



CC688BL

Part Number	Shield Type	Performance Level	Termination Style	Color
★ CC688BL	Unshielded (UTP)	Category 6	Coupler	Black

Not compatible with surface mount box applications.

Available in a variety of colors for design flexibility and 24-port pre-populated patch panels, visit panduit.com.

NetKey® Category 6A UTP RJ45 Punchdown Keystone Jack Module

- Meets ANSI/TIA-568.2-E Category 6 and ISO 11801 component requirements
- Snap in and out of keystone openings for easy moves, adds and changes
- Universal label includes T568A and T568B wiring schemes



NK6X88MWH

Part Number	Shield Type	Performance Level	Termination Style	For Use With	Color	Std. Pkg. Qty.
★ NK6X88MWH	Unshielded (UTP)	Category 6A	Punchdown	PUP6XHD04BU-UG, PUR6AV04BU-G	White	1
NK6X88MWH-Q						25

Available in a variety of colors for design flexibility and bulk packaging options to reduce single-use plastic and simplify job site handling, visit panduit.com.

NetKey® Category 6 UTP RJ45 Punchdown Keystone Jack Module

- Meets ANSI/TIA-568.2-E Category 6 and ISO 11801 component requirements
- 110-style punchdown termination supports 22–26 AWG UTP cable
- Supports IEEE 802.3af/at and 802.3bt PoE up to 100 W
- Snap in and out of keystone openings for easy moves, adds and changes



NK688MBL



NK688MWH

Part Number	Shield Type	Performance Level	Termination Style	For Use With	Color	Std. Pkg. Qty.
★ NK688MBL	Unshielded (UTP)	Category 6	Punchdown	PUP6C04BU-W, PUP6C04BU-WZ, PUP6C04BU-WLPZ, PUR6C04BU-U, PUR6C04BU-F	Black	1
NK688MBL-Q	Unshielded (UTP)	Category 6	Punchdown	PUP6C04BU-W, PUP6C04BU-WZ, PUP6C04BU-WLPZ, PUR6C04BU-U, PUR6C04BU-F	Black	25

NetKey® Category 6 UTP RJ45 Punchdown Keystone Jack Module (continued)

Part Number	Shield Type	Performance Level	Termination Style	For Use With	Color	Std. Pkg. Qty.
 NK688MWH	Unshielded (UTP)	Category 6	Punchdown	PUP6C04BU-W, PUP6C04BU-WZ, PUP6C04BU-WLPZ, PUR6C04BU-U, PUR6C04BU-F	White	1
NK688MWH-Q						25

Available in a variety of colors for design flexibility and bulk packaging options to reduce single-use plastic and simplify job site handling, visit panduit.com.

Shielded Keystone Category 6A RJ45 Jack Module

- Supports IEEE 802.3af/at and 802.3bt Type 3 and Type 4 PoE up to 100 W
- 22–26 AWG compatibility with standard 110 punchdown termination
- Snap in and out of keystone openings for easy moves, adds and changes
- Exceeds ANSI/TIA-568.2-E Category 6A and ISO 11801 Class EA channel performance



SKJ6X88BL

Part Number	Shield Type	Performance Level	Termination Style	Color	Std. Pkg. Qty.
SKJ6X88BL	Shielded (STP)	Category 6A	Punchdown	Black	1
SKJ6X88BL-C					100

Shielded Keystone Category 6 RJ45 Jack Module

- Exceeds ANSI/TIA-568.2-E Category 6 and ISO 11801 Class E performance
- Supports IEEE 802.3af/at and 802.3bt PoE up to 100 W
- 22–26 AWG compatibility with standard 110 punchdown termination
- Snap in and out of keystone openings for easy moves, adds, and changes



SKJ688BL

Part Number	Shield Type	Performance Level	Termination Style	Color	Std. Pkg. Qty.
SKJ688BL	Shielded (STP)	Category 6	Punchdown	Black	1
SKJ688BL-C					100

TX6A™ 10Gig™ UTP Field-Terminable Plug

- Simple-to-attach, two-piece design
- Category 6A performance, backwards compatible with Category 6 and 5e systems
- 22-26 AWG compatible and re-terminable up to 20 times
- Uses proven TG-style forward motion termination technology to optimize performance by maintaining cable pair geometry and eliminating conductor untwist



FP6X88MTG

Part Number	Shield Type	Angle	Performance Level	Termination Style	Color	Number of Plugs
FP6X88MTG	Unshielded (UTP)	Straight	Category 6A	TG Style	Black	1
FP6X88MTG-X						10

Angled versions available. For reference, see part FPUD6X88MTG at panduit.com.

TX6A™ 10Gig™ STP Field-Terminable Plug

- Simple-to-attach, two-piece design
- Category 6A performance, backwards compatible with Category 6 and 5e systems
- 22 – 26 AWG compatible and re-terminable up to 20 times
- Uses proven TG-style forward motion termination technology to optimize performance by maintaining cable pair geometry and eliminating conductor untwist



FPS6X88MTG

Part Number	Shield Type	Angle	Performance Level	Termination Style	Color	Number of Plugs
★ FPS6X88MTG	Shielded (STP)	Straight	Category 6A	TG Style	Silver	1
FPS6X88MTG-X						10

TX6A™ UTP FieldCord™ Connector

- TX6A™ UTP FieldCord™ connector with RJ45 plug and TG-style splice for direct device connection
- Pre-attached splice connector simplifies installation and ensures secure fit
- Ideal for connecting plug-attached devices to structured UTP cabling systems



FC-ICC/P3MBU



FC-ICC/P3MWH



FC-ICCP0.5MBU



FC-ICCP0.5MWH



FC-ICCP1MBU

Part Number	Performance Level	Shield Type	Compatible Wire Gauge	Connector Type	Color	Overall Length In. (mm)
FC-ICC/P3MBU	Category 6A	Unshielded (UTP)	26-22 AWG	Modular Plug	Blue	118.1 (3000)
FC-ICC/P3MWH	Category 6A	Unshielded (UTP)	26-22 AWG	Modular Plug	White	118.1 (3000)

TX6A™ UTP FieldCord™ Connector (continued)

Part Number	Performance Level	Shield Type	Compatible Wire Gauge	Connector Type	Color	Overall Length In. (mm)
FC-ICCP0.5MBU	Category 6A	Unshielded (UTP)	26-22 AWG	Modular Plug	Blue	19.7 (500)
FC-ICCP0.5MWH					White	
FC-ICCP1MBU					Blue	39.4 (1000)
FC-ICCP1MWH					White	

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

TX6A™ LSZH UTP FieldCord™ Connector

- Delivers Category 6A performance for high-speed data applications
- Compatible with Category 6 and 5e systems for versatile deployment
- Low-smoke zero-halogen (LSZH) jacket for enhanced safety in enclosed spaces

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index



FC-ICC/Y3MWH

FC-ICCY0.5MWH

FC-ICCY1MWH

Part Number	Performance Level	Shield Type	Compatible Wire Gauge	Connector Type	Color	Overall Length In. (mm)
FC-ICC/Y3MWH	Category 6A	Unshielded (UTP)	28-22 AWG	Modular Plug	White	118.1 (3000)
FC-ICCY0.5MWH			26-22 AWG			19.7 (500)
FC-ICCY1MWH			27-22 AWG			39.4 (1000)

TX6A™ UTP FieldCord™ Indoor Splice Connector Assembly

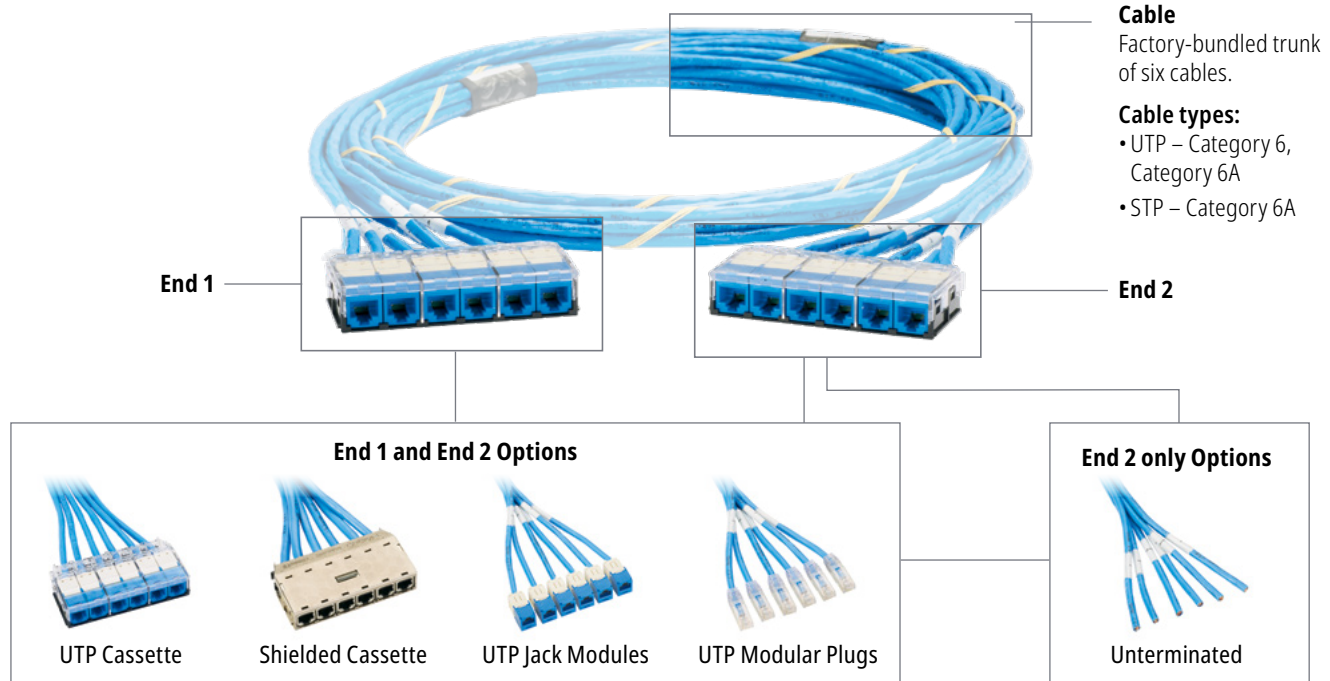
- Designed for high-performance Category 6A applications
- Delivers reliable PoE++ support with LP-rated construction for demanding environments
- Compact form factor ideal for space-constrained installations and modular systems
- Engineered for consistent signal integrity and tested to exceed industry standards



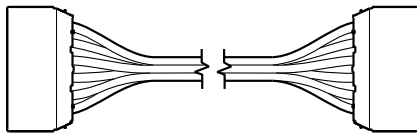
FC-ISC

Part Number	Product Type	Performance Level	Color
FC-ISC	Splice Connector	Category 6A	Black

QuickNet™ Cable Assemblies

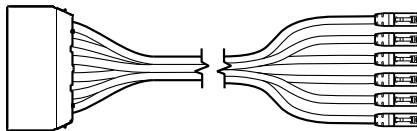


Common Configurations



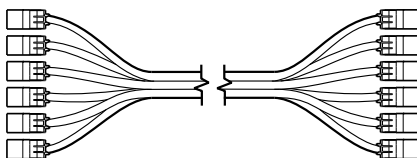
Cassette to Cassette

- Cassette of six jack modules on both ends of assembly
- Typically used in cabinet-to-cabinet permanent link trunks
- Installs into QuickNet Patch Panels on both ends in common interconnect and cross connect architectures, with cassette enabling quick installation into panels
- The most common QuickNet Configuration for permanent link trunks
- QuickNet Standard Parts for the Americas: UTP cassette-to-cassette, blue cable, blue jack modules



Cassette to Plug

- Similar configuration as above, but with six loose modular plugs
- Typically used for in-cabinet or cabinet-to-cabinet equipment cord harnesses
- Installs into QuickNet Patch Panels on one end and switch ports on the other for switch port replication applications



Jack to Jack

- Six loose jack modules on both ends of assembly
- Typically used in cabinet-to-cabinet permanent link trunks
- Installs into Mini-Com Modular Patch Panels (or QuickNet Patch Panels with panel adapters) on both ends in common interconnect and cross connect architectures
- Compatible with PViQ™ and PanView™ Intelligent Modular Patching Systems

QuickNet™ Trunks

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

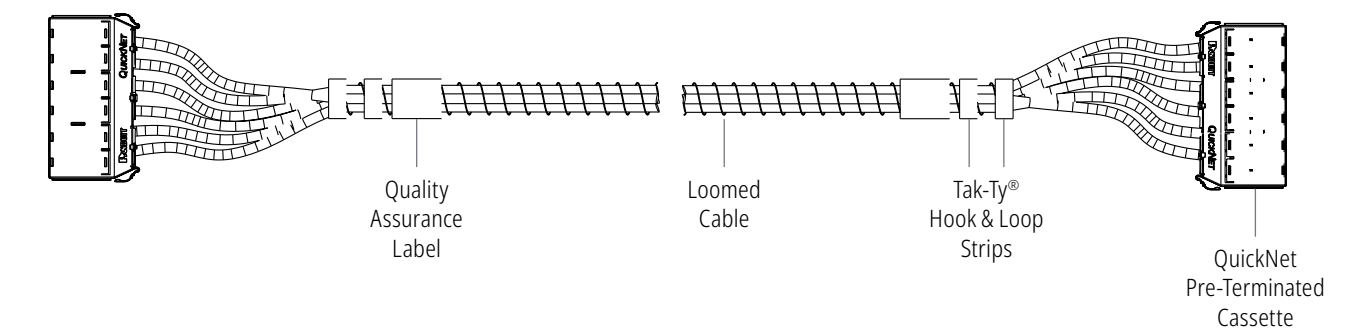
Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index



QuickNet™ Cable Assemblies

Part Number	Flame Rating	Cable Type	Performance Level	End Type	Length Ft.	Color
QZPBCCB0001F010	Plenum	UTP Vari-MaTriX Cables	Category 6A	Cassette-to-Cassette	10	Blue
QZPBCJB0001F010				Cassette-to-Jack		
QZPBCUB0001F010				Cassette-to-Unterminated		
QZRBCCB0001F010	Riser			Cassette-to-Cassette		
QZRBCJB0001F010				Cassette-to-Jack		
QZRBCUB0001F010				Cassette-to-Unterminated		



For more QuickNet options, visit
panduit.com/copper-trunk

Pan-Plug™ TX6A™ 10Gig™ UTP Modular Plug

- Exceeds ANSI/TIA Category 6A and ISO Class EA performance requirements when properly terminated
- Tangle-free latch prevents snags and provides easy release



SP6X88-C

Part Number	Shield Type	Performance Level	Compatible Wire Gauge	Cable Diameter Range In. (mm)	Insulation Dia. Range In. (mm)	Std. Pkg. Qty.
SP6X88-C	Unshielded (UTP)	Category 6A	24-23 AWG	0.275 – 0.315 (6.99 – 8)	0.04 – 0.048 (1.02 – 1.22)	100

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Pan-Plug™ TX6A™ 10Gig™ UTP Modular Plug for TX6A™ Vari-MaTriX Cable

- Compatible with Panduit PUP6*HD04*-G Plenum UTP Copper Cable
- Exceeds ANSI/TIA-568.2-E Category 6A and ISO 11801 Class EA performance requirements when properly terminated
- Tangle-free latch prevents snags and provides easy release



SP6X88PHD-C

Part Number	Shield Type	Performance Level	Compatible Wire Gauge	Insulation Dia. Range In. (mm)	Std. Pkg. Qty.
SP6X88PHD-C	Unshielded (UTP)	Category 6A	23 AWG	0.04 – 0.046 (1.01 – 1.17)	100

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

TX6™ PLUS UTP 3-Piece Modular Plug

- Simplified three-piece design
- Exceeds ANSI/TIA Category 6 and ISO Class E performance requirements when properly terminated



SP688E-C

Part Number	Shield Type	Performance Level	Compatible Wire Gauge	Cable Diameter Range In. (mm)	Insulation Dia. Range In. (mm)	Std. Pkg. Qty.
SP688E-C	Unshielded (UTP)	Category 6	24-23 AWG	0.225 – 0.25 (5.72 – 6.35)	0.036 – 0.042 (0.91 – 1.07)	100

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index

Pan-Plug™ TX6A™ 10Gig™ 26 AWG UTP Modular Plug

- Exceeds ANSI/TIA Category 6A and ISO Class EA performance requirements when properly terminated
- Tangle-free latch prevents snags and provides easy release



SP6X88SD-C

Part Number	Shield Type	Performance Level	Compatible Wire Gauge	Cable Diameter Range In. (mm)	Insulation Dia. Range In. (mm)	Std. Pkg. Qty.
SP6X88SD-C	Unshielded (UTP)	Category 6A	26 AWG	0.275 – 0.3 (6.99 – 7.62)	0.042 – 0.047 (1.07 – 1.19)	100

TX6™ PLUS 28 AWG UTP Modular Plug

- Simplified four-piece design for terminating small diameter 28 AWG cable



SP628-C

Part Number	Shield Type	Performance Level	Compatible Wire Gauge	Cable Diameter Range In. (mm)	Std. Pkg. Qty.
SP628-C	Unshielded (UTP)	Category 6	28 AWG	0.138 – 0.189 (3.5 – 4.8)	100

Pan-Plug™ TX6A™ 10Gig™ STP Modular Plug

- Exceeds ANSI/TIA Category 6A and ISO Class EA performance requirements when properly terminated.
- Tangle-free latch prevents snags and provides easy release



SPS6X88-C

Part Number	Shield Type	Performance Level	Compatible Wire Gauge	Cable Diameter Range In. (mm)	Insulation Dia. Range In. (mm)	Std. Pkg. Qty.
SPS6X88-C	Shielded (STP)	Category 6A	24-23 AWG	0.275 – 0.3 (6.99 – 7.62)	0.042 – 0.047 (1.07 – 1.19)	100

Pan-Plug™ TX6™ PLUS STP Modular Plug

- Exceeds ANSI/TIA Category 6 and ISO Class E performance requirements when properly terminated
- Tangle-free latch prevents snags and provides easy release



SPS688-C

Part Number	Shield Type	Performance Level	Compatible Wire Gauge	Cable Diameter Range In. (mm)	Insulation Dia. Range In. (mm)	Std. Pkg. Qty.
SPS688-C	Shielded (STP)	Category 6	26-24 AWG	0.23 – 0.265 (5.84 – 6.73)	0.036 – 0.04 (0.91 – 1.02)	100

PoE Extender Receiver Box

- Delivers up to 50W PoE and 100Mbps full duplex data over 4-pair UTP cable up to 2,000 ft
- Compatible with IEEE 802.3af/at devices like cameras, VoIP phones, and access readers
- Compact design fits easily into tight spaces such as light pole bases
- Supports local power option for use with non-PoE switches



POEXRX1

Part Number	Short Description
POEXRX1	PoE Extender, 1 Port Receiver Box

PoE Extender Transmitter Box

- Extends PoE and 100Mbps data up to 2000 ft over standard twisted-pair cable
- Compatible with IEEE 802.3af/at devices like cameras and VoIP phones
- Uses standard RJ45 interface for easy field termination and installation
- Compact design fits in tight spaces; optional power injection for non-PoE switches



POEXTX1

Part Number	Short Description
POEXTX1	PoE Extender, 1 Port Transmitter Box

PoE Extender Kit

- Extends PoE and 100Mbps data up to 2000 ft over standard twisted-pair cable
- Compatible with IEEE 802.3af/at devices like cameras, VoIP phones, and access readers
- Works with PoE and non-PoE switches; optional power supply injects power when needed
- Compact design fits tight spaces; RJ45 interface simplifies field termination



POEXKIT1

Part Number	Short Description
POEXKIT1	PoE Extender Kit with 1 Port Tx And Rx Box, 60W PS

Angled TG Jack Termination Tool

- Termination tool designed for 45° angled TG jack wire caps; ensures flush conductor cuts
- Made of durable glass-filled nylon; compact size for easy handling in tight spaces
- Compatible with CJUDCAP and CJLRCAP wire caps; ideal for Mini-Com® jack modules
- Ruby red color for easy identification; RoHS compliant and built for professional use



TGSJT

Part Number	For Use With	Color
TGSJT	Mini-Com Jack Modules	Red

Small Gauge Modular Plug Assembly Tool

- Termination tool for 28/30 AWG modular plugs; ideal for small gauge wire applications
- Ensures efficient and reliable plug assembly for Category 6 UTP connectors
- Made of durable 20% glass-filled nylon; lightweight and easy to handle
- Blue color-coded for quick identification; compatible with Panduit modular connectors



SGPT

Part Number	For Use With	Color
SGPT	Category 6 UTP modular plugs.	Blue

110 Style Punchdown Impact Tool

- Single pair punchdown tool and blade terminates and cuts 110 style IDCs in one operation



PDT110

Part Number	For Use With
PDT110	Pan-Punch® 110-style Bases, Connectors and Systems

Replacement blade is available. For reference, see part PDTH110 at panduit.com.

NetKey® Punchdown Base

- Punchdown Base designed for use with Panduit NetKey® modular jacks
- Compatible with PDT110 punchdown tool for streamlined termination
- Durable construction ensures reliable performance in copper cabling systems



NKSPB

Part Number	For Use With
NKSPB	Base used to assist in terminating Category 6 punchdown and A/V punchdown modules.

Pan-Plug™ Modular Plug Crimping Tool

- Features a controlled cycle mechanism to ensure proper plug termination
- Side-entry ratcheting design with soft rubber grips for ergonomic handling



MPT5-8AS

Part Number	For Use With	Color
MPT5-8AS	Panduit RJ45 Modular Plugs	Black

TGJT Jack Termination Tool

- Made of durable 20% glass-filled nylon; compact design for ergonomic handling
- Eliminates need for multiple tools; streamlines field termination process



TGJT

Part Number	For Use With	Color
TGJT	TG termination tool easily terminates all TG style jack modules by cutting conductors flush and assembling wire cap and jack. Ideal for high volume installations.	Black

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Pan-Net® TX6™ PLUS Modular Plug Termination Tool



CSPT

Part Number	For Use With	Color
CSPT	Modular plug termination tool for Category 6 UTP modular plugs.	Black

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Giga-TX™ Shielded Jack Module Grounding Kit

- Includes termination clip, ground wire, and connector



CJSJK-XY

Part Number	For Use With
CJSJK-XY	Kit used to ground enhanced Giga-TX™ Style Shielded Jack Modules to another ground wire in shielded applications.

Safety &
Security

Signs,
Labels
& ID

EGPT Termination Tool for TX6A™ Field-Terminable Plug



EGPT

Part Number	For Use With	Color
EGPT	The EGPT termination tool assists in terminating angled and straight versions of the TX6A™ Field Term Plug.	Violet

Wire
Routing,
Mgmt &
Protection

Wire
Termination

EGJT-1 Termination Tool for Straight TX6A™ Field-Terminable Plug

- Made of durable green glass-filled nylon; lightweight and RoHS compliant



EGJT-1

Part Number	For Use With	Color
EGJT-1	This termination tool assists in terminating TG-style jack modules and field term plug.	Green

CJAST Cable Jack Adjustable Stripping Tool

- Adjustable cable stripping tool for diameters ranging from 2.5mm - 11mm
- Designed for single-level stripping of copper cable jackets with precision
- Lightweight and ergonomic for comfortable use in field installations
- Ideal for prepping cables in modular termination and network setups



CJAST

Part Number	For Use With	Color
CJAST	4-pair network cable	Black

Replacement blade available. For reference, see part CJASTB at panduit.com.

Copper Cable Snipping Tool

- Cuts soft copper wire up to 14 AWG for clean terminations and improved performance
- Compact tool with 0.48 in. head width and 0.35 in. jaw length; ideal for cable prep tasks



CWST

Part Number	For Use With	Color
CWST	Conductors of 4-pair network cable	Green

IndustrialNet™ Category 6A Solid Conductor U/UTP Copper Cable

- Designed for EtherNet/IP protocols
- Industrial grade jacket types (PVC, PUR, TPE) for resistance to various oils or chemicals, abrasion resistant
- Various shield types (SF/UTP, F/UTP) for noisy high EMI/RFI factory environments
- High flex for use in robotic, drag chain, elevator and airport jetway applications
- 600V rated UL 508A for use in control panels or on-machine alongside 600V power cables
- Armored for mechanical protection, EMI/RFI, fire protection, faster installs than EMT conduit
- Power Limited Tray Cables (PLTC) for use in cable trays alongside 300V power cables
- Harsh Environment for refineries, shipboard/marine and offshore



IFRH6X04TL-UG

Part Number	Flammability Rating	Performance Level	Overall Length ft. (m)	Color
IFRH6X04TL-UG	Riser (CMR)	Category 6A	1000 (305)	Teal
IURH6X04TL-UG				

IndustrialNet™ Category 6A S/FTP Copper Cable

- Cable has been tested by an independent laboratory and complies with the electrical standard requirements of ISO11801 and ANSI/TIA-568.2-D
- Industrial rated cable for reliable performance in harsh environments
- Packaged on a reel for ease in deployment
- Fo use in enterprise and industrial spaces, PLCs and various control devices, industrial and harsh environments and repetitive motions
- High Flex, Oil Resistant, UV Resistant, Abrasion Resistant



ISX6X04ATL-LED

Part Number	Performance Level	Cable Construction	Conductor Gauge	Conductor Type	Number of Pairs	Jacket Material	Packaging Type	Overall Length ft. (m)	Color
ISX6X04ATL-LED	Category 6A	S/FTP	24 AWG	Stranded	4	Polyurethane	Reel	1640 (500)	Teal



Explore our Electrical Infrastructure
catalog at panduit.com/catalogs

IndustrialNet™ Category 6A SF/UTP Copper Cable

- Cable has been tested by an independent laboratory and complies with the electrical standard requirements of ISO11801 and ANSI/TIA-568.2-D
- Industrial rated cable for reliable performance in harsh environments
- Packaged on a reel for ease in deployment
- For use in enterprise and industrial spaces, PLCs and various control devices, industrial and harsh environments, and repetitive motions
- High Flex, Oil Resistant, UV Resistant, Abrasion Resistant, Weld Splatter Resistant



ISFCH6X04ATL-UG

Part Number	Flammability Rating	Performance Level	Cable Construction	Conductor Gauge	Conductor Type	Number of Pairs	Maximum Voltage (V)	Packaging Type	Overall Length ft. (m)	Color
ISFCH6X04ATL-UG	CM	Category 6A	SF/UTP	24 AWG	Stranded	4	80	Reel	1000 (305)	Teal
ISFCH6X04BTL-UG				26 AWG						

IndustrialNet™ Category 5e SF/UTP Copper Cable

- Cable has been tested by an independent laboratory and complies with the electrical standard requirements of ISO 11801 and ANSI/TIA-568.2-E
- Industrial rated cable for reliable performance in harsh environments
- Packaged on a reel for ease in deployment
- For use in enterprise and industrial spaces, PLCs and various control devices, industrial and harsh environments, and repetitive motions
- High Flex, Oil Resistant, UV Resistant, Abrasion Resistant



ISFCH5C02ATL-XG



ISFCH5C04ATL-XG

Part Number	Flammability Rating	Performance Level	Cable Construction	Conductor Gauge	Conductor Type	Number of Pairs	Maximum Voltage (V)	Packaging Type	Overall Length ft. (m)	Color
ISFCH5C02ATL-XG	CM	Category 5e	SF/UTP	24 AWG	Stranded	2	80	Reel	1000 (305)	Teal
ISFCH5C04ATL-XG						4				
ISFX5502ATL-LED						2			1640 (500)	

IndustrialNet™ Category 6A Shielded 600 V-Rated Patch Cord

- Patch cords have been tested by an independent laboratory and comply with the electrical standard requirements of IEC 60603-7 and ANSI/TIA-568.2-E
- Variant 1 bulkhead patch cords meet IP67 when mated with IndustrialNet Connectors
- Industrial rated patch cord for reliable performance in harsh environments
- 600 V rated patch cords provide reliable performance for panel or on-machine applications when space is shared with 600 V high voltage power cables



ISTPH6X1MBL



ISTPH6X1MTL

Part Number	Performance Level	Shield Type	Conductor Gauge	Nominal Cable OD (mm)	Overall Length (m)	Color
ISTPH6X1MBL	Category 6A	Shielded (STP)	26 AWG	7.4	1	Black
ISTPH6X1MTL						Teal

IndustrialNet™ Category 5e Shielded 600 V-Rated Patch Cord

- Independently tested and complies with ANSI/TIA-568.2-E Category 5e and IEC 60603-7 electrical requirements
- Variant 1 bulkhead patch cords achieve IP67 ingress protection when mated with IP67 IndustrialNet™ connectors
- Industrial-rated construction supports Ethernet performance in harsh environmental conditions
- 600 V rated design supports panel and on-machine applications when space is shared with high-voltage power cables



ISTPHCH1MBL



ISTPHCH1MTL

Part Number	Performance Level	Shield Type	Conductor Gauge	Nominal Cable OD (mm)	Overall Length (m)	Color
ISTPHCH1MBL	Category 5e	Shielded (STP)	24 AWG	7.4	1	Black
ISTPHCH1MTL						Teal



Full product portfolio and solutions at panduit.com



IndustrialNet™ TX6A™ UTP Patch Cord with Bulkhead Connector on One End



- Patch cords have been tested by an independent laboratory and comply with the electrical standard requirements of IEC 60603-7 and ANSI/TIA-568.2-E
- Variant 1 bulkhead patch cords meet IP67 when mated with IndustrialNet Connectors
- Industrial rated patch cord for reliable performance in harsh environments
- 600 V rated patch cords provide reliable performance for panel or on-machine applications when space is shared with 600 V high voltage power cables



IUTP6X1MBLR

Part Number	Performance Level	Shield Type	Conductor Gauge	Nominal Cable OD (mm)	Overall Length (m)	Color
IUTP6X1MBLR	Category 6A	Unshielded (UTP)	24 AWG	7.4	1	Black

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

IndustrialNet™ TX6A™ UTP Patch Cord with Bulkhead Connector on Both Ends



- Patch cords have been tested by an independent laboratory and comply with the electrical standard requirements of IEC 60603-7 and ANSI/TIA-568.2-E
- Variant 1 bulkhead patch cords meet IP67 when mated to IP67 IndustrialNet Connectors
- Industrial rated patch cord for reliable performance in harsh environments
- 600 V rated patch cords provide reliable performance for panel or on-machine applications when space is shared with 600 V high voltage power cables



IUTP6X1MBL

Part Number	Performance Level	Shield Type	Conductor Gauge	Nominal Cable OD (mm)	Overall Length (m)	Color
IUTP6X1MBL	Category 6A	Unshielded (UTP)	24 AWG	7.4	1	Black

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

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Routing,
Mgmt &
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IndustrialNet™ TX6A™ S/FTP Patch Cord with Bulkhead Connector on One End



- Patch cords have been tested by an independent laboratory and comply with the electrical standard requirements of IEC 60603-7 and ANSI/TIA-568.2-E
- Variant 1 bulkhead patch cords meet IP67 when mated to IP67 IndustrialNet Connectors
- Industrial rated patch cord for reliable performance in harsh environments
- 600 V rated patch cords provide reliable performance for panel or on-machine applications when space is shared with 600 V high voltage power cables



ISTP6X1MBLR

Part Number	Performance Level	Shield Type	Conductor Gauge	Nominal Cable OD (mm)	Overall Length (m)	Color
ISTP6X1MBLR	Category 6A	Shielded (STP)	24 AWG	7.4	1	Black

IndustrialNet™ TX6A™ SF/UTP Patch Cord with Bulkhead Connector on Both Ends



- Patch cords have been tested by an independent laboratory and comply with the electrical standard requirements of IEC 60603-7 and ANSI/TIA-568.2-E
- Variant 1 bulkhead patch cords meet IP67 when mated to IP67 IndustrialNet Connectors
- Industrial rated patch cord for reliable performance in harsh environments
- 600 V rated patch cords provide reliable performance for panel or on-machine applications when space is shared with 600 V high voltage power cables



ISTP6X1MBL

Part Number	Performance Level	Shield Type	Conductor Gauge	Nominal Cable OD (mm)	Overall Length (m)	Color
ISTP6X1MBL	Category 6A	Shielded (STP)	24 AWG	7.4	1	Black

IndustrialNet™ TX6A™ 10Gig™ UTP RJ45 Bulkhead Connector

- IP/NEMA/UL/CE rated to ensure reliable performance in harsh factory environments
- Tethered protective cap, with incorporated seal, ensures IP67 protection of the connector when unmated



IAEBH6X

Part Number	Shield Type	Performance Level	IP Rating	Color
IAEBH6X	Unshielded (UTP)	Category 6A	IP67	Black

IndustrialNet™ Bulkhead RJ45 Connector with Protective Cap

- IP/NEMA/UL/CE rated to ensure reliable performance in harsh factory environments
- Extended temperature range provides durable connections in extreme conditions



IAEBH6

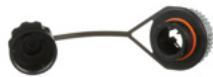
Part Number	Performance Level	IP Rating	Color
IAEBH6	Category 6	IP67	Black

Cabinets,
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Mgmt,
Racks &
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Systems

IndustrialNet™ TX5e™ STP Bulkhead Connector with Protective Cap

- IP/NEMA/UL/CE rated to ensure reliable performance in harsh factory environments
- Extended temperature range provides durable connections in extreme conditions



IAEBH5ES

Part Number	Performance Level	IP Rating	Color
IAEBH5ES	Category 5e	IP67	Black

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Systems

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& Bonding

Power, Env,
Security &
Connectivity
Hardware

IndustrialNet™ Bulkhead RJ45 Coupler with Protective Cap

- IP/NEMA/UL/CE rated to ensure reliable performance in harsh factory environments
- Tethered protective cap, with incorporated seal, ensures IP67 protection of the connector when unmated
- Extended temperature range provides durable connections in extreme conditions
- Coupler for variant 1 bulkhead patch cords



IAEBHC5E

Part Number	Performance Level	IP Rating	Color
★ IAEBHC5E	Category 5e	IP67	Black
IAEBHC6	Category 6		

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

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IndustrialNet™ Shielded Bulkhead RJ45 Coupler with Protective Cap

- IP/NEMA/UL/CE rated to ensure reliable performance in harsh factory environments
- Tethered protective cap, with incorporated seal, ensures IP67 protection of the connector when unmated
- Extended temperature range provides durable connections in extreme conditions
- Coupler for variant 1 bulkhead patch cords



IAEBHC6XS

Part Number	Performance Level	IP Rating	Color
IAEBHC6XS	Category 6A	IP67	Black

Industrial M12 X-Code Field-Terminable Modular Plug

- Rated IP65/IP67 for ingress protection
- Factory terminated design assures reliability and saves time
- Extended temperature range provides durable connections in extreme conditions



ISPS6A88MFA

Part Number	Performance Level	IP Rating	Color
ISPS6A88MFA	Category 6A	IP67	Metallic

IndustrialNet™ M12 D-Code Field-Terminable Modular Plug

- Rated IP65/IP67 for ingress protection
- Factory terminated design assures reliability and saves time
- Extended temperature range provides durable connections in extreme conditions



ISPS5E44MFA

Part Number	Performance Level	IP Rating	Color
ISPS5E44MFA	Category 5e	IP67	Metallic

IndustrialNet™ TX5e™ UTP Modular Plug

- IP/NEMA/UL/CE rated to ensure reliable performance in harsh factory environments
- Tethered protective cap, with incorporated seal, ensures IP67 protection of the connector when unmated
- Extended temperature range provides durable connections in extreme conditions



MPI588T

Part Number	Performance Level	IP Rating	Color
★ MPI588T	Category 5e	IP67	Black

IndustrialNet™ TX5e™ STP Modular Plug

- IP/NEMA/UL/CE rated to ensure reliable performance in harsh factory environments
- Tethered protective cap, with incorporated seal, ensures IP67 protection of the connector when unmated
- Extended temperature range provides durable connections in extreme conditions
- Shielded Variant 1 IP67 Modular Plug



MPSI588T

Part Number	Shield Type	Performance Level	IP Rating	Color
MPSI588T	Shielded (STP)	Category 5e	IP67	Black

Mini-Com® 8-port DIN Rail Copper Patch Panel

- Compact size and low-profile of Mini-Com® DIN Rail Mount Adapters saves valuable DIN rail space
- Easy installation – no special tools required to snap into DIN rail



CDPP8RG

Part Number	Product Type	Shield Type	Number of Ports	Color
★ CDPP8RG	DIN Rail Mount	Unshielded (UTP)	8	Gray
CDPP8RG-S		Shielded (STP)		

Mini-Com® Modular Furniture Faceplate

- Accept Mini-Com® Modules for STP and UTP, fiber optic, and audio/video installations
- Compatible with standard furniture opening
- Replacement labels/label covers available where applicable
- Optional adhesive labels available

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
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Hardware

Safety &
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Signs,
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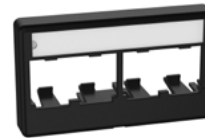
CFFP4BL



CFFPA2BL



CFFPL2BL



CFFPL4BL

Part Number	Number of Ports	Identification Type	Color
CFFP4BL	4	Adhesive Label	Black
CFFPA2BL	2		
CFFPL2BL		Label Pocket	
CFFPL4BL	4		

Mini-Com® Herman Miller Modular Furniture Faceplate

- Accept Mini-Com® Modules for STP and UTP, fiber optic, and audio/video installations
- Optional adhesive labels available



CFFPHM4BL

Part Number	Number of Ports	Identification Type	Color
CFFPHM4BL	4	Adhesive Label	Black

Mini-Com® Classic Faceplate

- Accept Mini-Com® Modules for STP and UTP, fiber optic, and audio/video installations
- Replacement label/label covers available where applicable
- Sloped design includes icon slots
- Non-label faceplates include screws with matching color head screws
- Select items available in bulk packages to reduce single-use plastic



CFP1IW



CFP2IW



CFPL1IWY



CFPL2IW-X



CFPL2WH-X

Part Number	Number of Ports	Outlet Orientation	Identification Type	Color	Std. Pkg. Qty.
CFP1IW	1	Flat	Adhesive Label	Off White	1
CFP2IW	2				
CFPL1IWY	1	Flat	Label Pocket	Off White	1

Mini-Com® Classic Faceplate (continued)

Part Number	Number of Ports	Outlet Orientation	Identification Type	Color	Std. Pkg. Qty.
CFPL2IW-X	2	Flat	Label Pocket	Off White	10
CFPL2WH-X				White	
CFPL2WHY				1	
CFPL4IW-X	4			Off White	10
CFPL4IWY				1	
CFPL4WH-X				10	
CFPL4WHY				1	
CFPSL2IWY	2	Sloped			Off White
CFPSL4IWY	4				

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
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Fiber Optic
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Power, Env,
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Signs,
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Mini-Com® Executive Style Faceplate with Label Pocket



- Accept Mini-Com® Modules for STP and UTP, fiber optic, and audio/video installations
- Replacement label/label covers available where applicable
- Sloped design includes icon slots
- Non-label faceplates include screws with matching color head screws
- Executive series includes a raised rail design
- Select items available in bulk packages to reduce single-use plastic



CFPE1IWY



CFPE2IW-X



CFPE2IWY



CFPE4IW-X



CFPE4IWY

Part Number	Number of Ports	Outlet Orientation	Identification Type	Color	Std. Pkg. Qty.
CFPE1IWY	1	Flat	Label Pocket	Off White	1
CFPE2IW-X	2				10
CFPE2IWY					1
CFPE4IW-X	4				10
CFPE4IWY				1	
CFPE4WH-X				White	10

Full product portfolio and solutions at panduit.com



Mini-Com® Stainless Steel Faceplate



- Accept Mini-Com® Modules for STP and UTP, fiber optic, and audio/video installations
- Replacement labels/label covers available where applicable
- Impact-resistant 304 stainless steel for light industrial environments



CFP2SY



CFP4SY



CFPL2SY



CFPL4SY

Part Number	Number of Ports	Outlet Orientation	Identification Type	Gang Opening Type
CFP2SY	2	Flat	Adhesive Label	Single Gang
CFP4SY	4		Label Pocket	
CFPL2SY	2			
CFPL4SY	4			

NetKey® Stainless Steel Faceplate



- Accept NetKey® or Keystone Style Modules
- Replacement label and label covers available for select products
- Impact-resistant 304 stainless steel for light industrial environments



NKF2S



NKF4S



NKF6S

Part Number	Number of Ports	Outlet Orientation	Identification Type
NKF2S	2	Flat	Label Pocket
NKF4S	4		
NKF6S	6		



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catalog at panduit.com/catalogs

NetKey® Classic Faceplate



- Accept NetKey® or Keystone Style Modules
- Replacement label and label covers available for select products
- Non-label faceplates include screws with matching color head screws



NK2FNWH



NK2FWHY



NK4FNWH



NK4FWHY



NK6FWHY

Part Number	Number of Ports	Outlet Orientation	Identification Type	Color
NK2FNWH	2	Flat	Adhesive Label	White
NK2FWHY			Label Pocket	
NK4FNWH	4		Adhesive Label	
NK4FWHY			Label Pocket	
NK6FWHY	6			

Mini-Com® Water-Resistant Sloped Faceplate



- Single gang water resistant faceplate made of high impact material
- Meets IP56 protection
- Includes gaskets to prevent water damage and two types of screw options to secure hinged cover to base



CFPWR4CIG

Part Number	Number of Ports	Gang Opening Type	Identification Type	Color
CFPWR4CIG	4	Single Gang	Adhesive Label	International Gray

Mini-Com® Modular Insert for Interlink Frames

- Snaps into most open communication WIREMOLD* frames



CHI2MBL-X

Part Number	Number of Ports	Color	Std. Pkg. Qty.
CHI2MBL-X	2	Black	10

*WIREMOLD is a registered trademark of Legrand in the United States.

NetKey® Modular Furniture Faceplate



- Accept NetKey® or Keystone Style Modules
- Optional adhesive labels available
- Compatible with standard furniture opening



NK4MFBL



NK4MFLBL

Part Number	Number of Ports	Outlet Orientation	Identification Type	Color
NK4MFBL	4	Flat	Adhesive Label	Black
NK4MFLBL			Label Pocket	

Keystone Phone Plate



- Stainless steel construction
- Accepts standard wall mount phones that use short patch cord connections
- Phone kit includes punchdown keystone jack



KWPK6



KWPY

Part Number	Product Type	Performance Level	Identification Type
KWPK6	Phone Plate	Category 6	Adhesive Label
KWPY		None	

Mini-Com® Elongated Surface Mount Box



- Accept Mini-Com® Modules for STP and UTP, fiber optic, and audio/video installations
- Replacement labels/label covers available where applicable
- Mount easily with supplied mounting screws, adhesive tape, or optional magnet
- Multimedia boxes include built-in fiber spool
- For shuttered applications use shuttered jacks



CBX1IW-A



CBX2IW-AY



CBX4IW-AY

Part Number	Product Type	Number of Ports	Raceway Opening	Identification Type	Color	Includes
CBX1IW-A	Elongated Surface Mount Box	1	LD3/LDPH3	Adhesive Label	Off White	(1) Adhesive Strip

Mini-Com® Elongated Surface Mount Box (continued)

Part Number	Product Type	Number of Ports	Raceway Opening	Identification Type	Color	Includes
CBX2IW-AY	Elongated Surface Mount Box	2	LD3/LDPH3	Adhesive Label	Off White	(1) Box Base, (1) Box Cover, (1) PLT1.5I-C PAN-TY, (2) Mounting Screws, (1) Strip of 3"x0.75" Foam Tape for Mounting, (1) ID Label Kit
CBX4IW-AY		4	LD5/LDPH5	Label Pocket		(1) Box Base, (1) Box Cover, (2) PLT1.5I-C PAN-TY, (2) Mounting Screws, (1) Mounting Screw (Used to Secure Cover to Base), (1) Label/Label Cover, (2) Strip of 1.25"x0.75" Foam Tape for Mounting

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

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Systems

Mini-Com® Surface Mount Box with Quick Release Cover



- Accept Mini-Com® Modules for STP and UTP, fiber optic, and audio/video installations
- Replacement labels/label covers available where applicable
- Mount easily with supplied mounting screws, adhesive tape, or optional magnet
- For shuttered applications use shuttered jacks



CBXQ1IW-A



CBXQ2IW-A



CBXQ4IW-A



CBXQ6IW-A

Part Number	Product Type	Number of Ports	Raceway Opening	Identification Type	Color
CBXQ1IW-A	Quick Release Surface Mount Box	1	LD3/LDPH3	Adhesive Label	Off White
CBXQ2IW-A		2		LD5/LDPH5	
CBXQ4IW-A		4			
CBXQ6IW-A		6			

Shuttered Jack Modules available at panduit.com.

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

NetKey® Surface Mount Box



- Accept NetKey® or Keystone Style Modules
- Replacement label and label covers available where applicable
- Mount easily with supplied mounting screws, adhesive tape, or optional magnet
- Cable entry from side knockouts



NK2BXIW-A



NK2BXWH-A



NK4BXIW-AY



NK4BXWH-AY



NK6BXWH-AY

Part Number	Product Type	Number of Ports	Raceway Opening	Identification Type	Color
NK2BXIW-A	Elongated Surface Mount Box	2	LD3/LDP3, LD5/LDP5	Adhesive Label	Off White

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

NetKey® Surface Mount Box (continued)

Part Number	Product Type	Number of Ports	Raceway Opening	Identification Type	Color
NK2BXWH-A	Elongated Surface Mount Box	2	LD3/LDP3, LD5/LDP5	Adhesive Label	White
NK4BXIW-AY		4	LD3/LDPH3, LD5/LDPH5	Label Pocket	Off White
NK4BXWH-AY					White
NK6BXWH-AY	With Fiber Spool	6			

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Mini-Com® Multimedia Surface Mount Box



- Accept Mini-Com® Modules for STP and UTP, fiber optic, and audio/video installations
- Replacement labels/label covers available where applicable
- Mount easily with supplied mounting screws and adhesive tape



CBXF6IW-AY

Part Number	Product Type	Number of Ports	Raceway Opening	Identification Type	Color
CBXF6IW-AY	With Fiber Spool	6	LD3/LDPH3, LD5/LDPH5	Label Pocket	Off White

Shuttered Jack Modules available at panduit.com.

Fiber Optic
Systems

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& Bonding

Power, Env,
Security &
Connectivity
Hardware

Shielded Keystone Patch Panel

- Accept NetKey® or Keystone Style Shielded Jack Modules
- Stainless steel construction with front faceplate and label cover
- Ideal for high-performance, shielded copper cabling installations



SKPP24BL



SKPPA24BL

Part Number	Material	Product Type	Number of Rack Units	Patch Panel Style	Identification Type	Number of Ports	Color
SKPP24BL	Stainless Steel	Patch Panel	1	Flat	Label Pocket	24	Black
SKPPA24BL				Angled			

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Security

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& ID

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Protection

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8-Port Patch Panel Bracket

- Designed for multi-purpose wall and in-ceiling enclosures
- Ensures seamless compatibility with various module types



MS8PPB



NKMS8PPB

Part Number	Module Type
MS8PPB	Mini-Com®
NKMS8PPB	Keystone

8-Port Patch Panel Bracket Kit is available. For reference, see part MS8PPB at panduit.com.

Mini-Com® All Metal Shielded Modular Patch Panel

- Accept Mini-Com® Shielded Jack Modules for STP installations
- Angled style facilitates proper bend radius control and minimizes the need for horizontal cable managers



CP24BLY



CP48BLY



CPA24BLY



CPA48BLY

Part Number	Material	Product Type	Number of Rack Units	Patch Panel Style	Identification Type	Number of Ports	Color
CP24BLY	Stainless Steel	Flush Mounted Patch Panel	1	Flat	Adhesive Label	24	Black
CP48BLY			2			48	
CPA24BLY			1	Angled		24	
CPA48BLY			2			48	

Select offerings available in white, visit panduit.com.
Shielded patch panels limited to shielded jack modules

Mini-Com® Flush Mount Modular Patch Panel

- Accept Mini-Com® Modules for STP and UTP, fiber optic, and audio/video installations
- Angled style facilitates proper bend radius control and minimizes the need for horizontal cable managers



CPP24FMWBLY



CPP48FMWBLY



CPP72FMWBLY



CPPA24FMWBLY



CPPA48FMWBLY

Part Number	Number of Rack Units	Patch Panel Style	Identification Type	Number of Ports	Color
CPP24FMWBLY	1	Flat	Adhesive Label	24	Black
CPP48FMWBLY	2			48	
CPP72FMWBLY				72	
CPPA24FMWBLY	1	Angled	Adhesive Label	24	Black

Mini-Com® Flush Mount Modular Patch Panel (continued)

Part Number	Number of Rack Units	Patch Panel Style	Identification Type	Number of Ports	Color
★ CPPA48FMWBLY	2	Angled	Adhesive Label	48	Black
CPPA72FMWBLY				72	

Select offerings available in white, visit panduit.com.

Mini-Com® Flush Mount Modular 6-Pack Patch Panel

- Accept Mini-Com Modules, which snap in and out for easy moves, adds and changes
- Accept Mini-Com® Modules for STP and UTP, fiber optic, and audio/video installations



CPP48FM6BL

CPPA48FM6BL

Part Number	Product Type	Number of Rack Units	Patch Panel Style	Identification Type	Number of Ports	Color
CPP48FM6BL	Flush Mounted Patch Panel	2	Flat	Adhesive Label	48	Black
CPPA48FM6BL			Angled			

Select offerings available in white, visit panduit.com.
Shielded patch panels limited to shielded jack modules.

Mini-Com® High Density Modular Patch Panel

- Accept Mini-Com® Modules for STP and UTP, fiber optic, and audio/video installations
- Angled style facilitates proper bend radius control and minimizes the need for horizontal cable managers



CPP48HDEWBL

CPP48HDVNSWBL

CPP48HDWBLY

CPPA48HDEWBL

CPPA48HDVNSWBL

Part Number	Product Type	Number of Rack Units	Patch Panel Style	Identification Type	Number of Ports	Color
★ CPP48HDEWBL	Flush Mounted Patch Panel	1	Flat	Adhesive Label	48	Black
★ CPP48HDVNSWBL				Pre-Printed		
★ CPP48HDWBLY				Adhesive Label		
CPPA48HDEWBL			Angled	Adhesive Label		
CPPA48HDVNSWBL				Pre-Printed		
★ CPPA48HDWBLY				Pre-Printed		

Select offerings available in white, visit panduit.com.
Shielded patch panels limited to shielded jack modules.

Cabinets,
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Mgmt,
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Systems

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& Bonding

Power, Env,
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Signs,
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Mini-Com® Modular Patch Panel with Faceplate

- Accept Mini-Com® Modules for STP and UTP, fiber optic, and audio/video installations
- Angled style facilitates proper bend radius control and minimizes the need for horizontal cable managers
- Front access design includes faceplate with easy snap release feature



CPP24WBLY

CPP48WBLY

CPPL24WBLY

CPPL48WBLY

CPPLA24WBLY

Part Number	Product Type	Number of Rack Units	Patch Panel Style	Identification Type	Number of Ports	Color
 CPP24WBLY	Front Access Patch Panel	1	Flat	Adhesive Label	24	Black
 CPP48WBLY		2			48	
CPPL24WBLY		1		Label Pocket	24	
 CPPL48WBLY		2			48	
CPPLA24WBLY		1	Angled		24	
 CPPLA48WBLY		2			48	

Select offerings available in white, visit panduit.com.

Mini-Com® High Density Shielded Modular Patch Panel

- Accept Mini-Com® Shielded Jack Modules for STP installations
- Angled style facilitates proper bend radius control and minimizes the need for horizontal cable managers



CP48HDBL

CPA48HDBL

Part Number	Material	Product Type	Number of Rack Units	Patch Panel Style	Identification Type	Number of Ports	Color
CP48HDBL	Stainless Steel	Flush Mounted Patch Panel	1	Flat	Adhesive Label	48	Black
CPA48HDBL				Angled			

Shielded patch panels limited to shielded jack modules.

NetKey® Flush Mount Modular Patch Panel

- Accept NetKey® or Keystone Style Modules
- Angled style facilitates proper bend radius control and minimizes the need for horizontal cable managers
- Select modular patch panels have front access design includes faceplate with easy snap release feature



NKPP24FMY

NKPPA24FMY

NKPPA48FMY

Part Number	Product Type	Number of Ports	Patch Panel Style	Identification Type	Number of Rack Units	Color
NKPP24FMY	Flush Mounted Patch Panel	24	Flat	Adhesive Label	1	Black

NetKey® Flush Mount Modular Patch Panel (continued)

Part Number	Product Type	Number of Ports	Patch Panel Style	Identification Type	Number of Rack Units	Color
NKPPA24FMY	Flush Mounted Patch Panel	24	Angled	Adhesive Label	1	Black
NKPPA48FMY		48			2	

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

NetKey® High Density Modular Patch Panel

- Accept NetKey® or Keystone Style Modules
- Angled style facilitates proper bend radius control and minimizes the need for horizontal cable managers
- Select modular patch panels have front access design includes faceplate with easy snap release feature

Copper
Systems



NKPP48HDY

NKPPA48HDY

Part Number	Product Type	Number of Ports	Patch Panel Style	Identification Type	Number of Rack Units	Color
NKPP48HDY	Flush Mounted Patch Panel	48	Flat	Adhesive Label	1	Black
NKPPA48HDY			Angled			

Fiber Optic
Systems

Grounding
& Bonding

QuickNet™ Patch Panel Blank

- Reserves space for future use and promotes proper airflow and cooling

Power, Env,
Security &
Connectivity
Hardware



QPPBBL

Part Number	Color
QPPBBL	Black

Safety &
Security

QuickNet™ Patch Panel Adapter

- Accept Mini-Com® Modules for STP and UTP, fiber optic, and audio/video installations

Signs,
Labels
& ID



QPPABL

Part Number	Color
QPPABL	Black

Wire
Routing,
Mgmt &
Protection

Wire
Termination

QuickNet™ Patch Panel

- Accept QuickNet™ Copper Cable Assemblies and QuickNet SFQ Series MTP Fiber Optic Cassettes which snap in and out with one hand
- High-density patch panels conserve valuable rack space
- Angled patch panels facilitate proper bend radius control and minimize the need for horizontal cable managers
- All metal patch panels accept shielded cassettes, no additional grounding kit required
- Pre-printed numbers above each port for easy identification
- Mount to standard EIA 19" racks or 23" racks with optional extender brackets



QPP24BL

QPP48HDBL

QSP24BL

QSP48HDBL

Part Number	Shield Type	Number of Ports	Patch Panel Style	Number of Rack Units	Color
QPP24BL	Unshielded (UTP)	24	Flat	1	Black
★ QPP48HDBL		48			
QSP24BL	Shielded (STP)	24			
QSP48HDBL		48			

QuickNet™ All Metal Angled Patch Panel

- Accept QuickNet™ Copper Cable Assemblies and QuickNet SFQ Series MTP Fiber Optic Cassettes which snap in and out with one hand
- High-density patch panels conserve valuable rack space
- Angled patch panels facilitate proper bend radius control and minimize the need for horizontal cable managers
- All metal patch panels accept shielded cassettes, no additional grounding kit required
- Pre-printed numbers above each port for easy identification
- Mount to standard EIA 19" racks or 23" racks with optional extender brackets



QAPP24BL

QAPP48HDBL

QASP24BL

QASP48HDBL

Part Number	Shield Type	Number of Ports	Patch Panel Style	Number of Rack Units	Color
QAPP24BL	Unshielded (UTP)	24	Angled	1	Black
QAPP48HDBL		48			
QASP24BL	Shielded (STP)	24			
QASP48HDBL		48			

*Patented design

NetKey® Patch Panel with Faceplates

- Accept NetKey® or Keystone Style Modules
- Angled style facilitates proper bend radius control and minimizes the need for horizontal cable managers
- Select modular patch panels have front access design includes faceplate with easy snap release feature



NKFP24Y		NKFP48Y		NKFPA24		NKFPA48		NKFPL24	
Part Number	Product Type	Number of Ports	Patch Panel Style	Identification Type		Number of Rack Units	Color		
NKFP24Y	Front Access Patch Panel	24	Flat	Adhesive Label		1	Black		
NKFP48Y		48				2			
NKFPA24		24	Angled			1			
NKFPA48		48		2					
NKFPL24		24	Flat	Label Pocket		1			
NKFPL48		48				2			

Angled Patch Panel Transitional Cover

- Transitional cover for angled panels to help promote proper airflow and cooling



CPATCBL

Part Number	Color
CPATCBL	Black

Rack Filler Panel

- Direct airflow in cabinet applications
- Mount to standard EIA 19" racks or cabinets
- Reserve rack unit space for future use
- Filler panels cover unused rack space



CPAF1BLY

CPAF2BLY

DFPF1

DFPF2

Part Number	Product Type	Number of Rack Units	Overall Height In. (mm)	Overall Width In. (mm)	Color
CPAF1BLY	Angled Rack Filler Panel	1	1.72 (43.7)	19 (482.6)	Black
CPAF2BLY		2	3.47 (88.1)		
DFPF1	Flat Rack Filler Panel	1	1.72 (43.7)	19 (482.6)	Black

Rack Filler Panel (continued)

Part Number	Product Type	Number of Rack Units	Overall Height In. (mm)	Overall Width In. (mm)	Color
DPFP2	Flat Rack Filler Panel	2	3.47 (88.1)	19 (482.6)	Black

Select offerings available in white, visit panduit.com.

Strain Relief Bar Quick Release Bracket Kit

- Strain relief bars help support cable exiting the back of the panel
- Enables strain relief bars to be removed and re-installed without the use of tools



SRBBRKT

Part Number	Color
SRBBRKT	Black

Inward Mounting Strain Relief Bar

- Strain relief bars help support cable exiting the back of the panel



SRB19D5BL

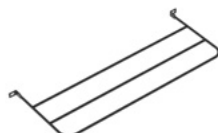


SRB19D7BL

Part Number	Overall Depth In. (mm)	Color
SRB19D5BL	4.5 (114.3)	Black
SRB19D7BL	7.6 (193)	

Multi-Depth Strain Relief Bar

- Strain relief bars help support cable exiting the back of the panel



SRB19MDBL

Part Number	Overall Depth In. (mm)	Color
SRB19MDBL	7.5 (190.5)	Black

Offset Strain Relief Bar

- Strain relief bars help support cable exiting the back of the panel



SRB19BLY

Part Number	Overall Depth In. (mm)	Color
★ SRB19BLY	2.81 (71.4)	Black

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Data-Patch™ DP6™ PLUS Flat Punchdown Patch Panel

- Pre-populated with Category 6A punchdown modules
- Coupler-based panels provide fast and easy connection of 6 and 8-position RJ45 patch cords



DP24688TGY

DP48688TGY

Part Number	Number of Ports	Patch Panel Style	Performance Level	Identification Type	Termination Style	Number of Rack Units	Color
★ DP24688TGY	24	Flat	Category 6	Adhesive Label	Punchdown	1	Black
★ DP48688TGY	48					2	

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Data-Patch™ DP6A™ 10Gig Flat Punchdown Patch Panel

- Pre-populated with Category 6A punchdown modules
- Coupler-based panels provide fast and easy connection of 6 and 8-position RJ45 patch cords



DP246X88TGY

DP486X88TGY

Part Number	Number of Ports	Patch Panel Style	Performance Level	Identification Type	Termination Style	Number of Rack Units	Color
★ DP246X88TGY	24	Flat	Category 6A	Adhesive Label	Punchdown	1	Black
★ DP486X88TGY	48					2	

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index

Data-Patch™ DP6™ PLUS Angled Punchdown Patch Panel

- Pre-populated with Category 6 punchdown modules
- Coupler-based panels provide fast and easy connection of 6 and 8-position RJ45 patch cords



DPA24688TGY



DPA48688TGY

Part Number	Number of Ports	Patch Panel Style	Performance Level	Identification Type	Termination Style	Number of Rack Units	Color
DPA24688TGY	24	Angled	Category 6	Adhesive Label	Punchdown	1	Black
★ DPA48688TGY	48					2	

Data-Patch™ DP6A™ PLUS Angled Punchdown Patch Panel

- Pre-populated with Category 6A punchdown modules
- Coupler-based panels provide fast and easy connection of 6 and 8-position RJ45 patch cords



DPA246X88TGY



DPA486X88TGY

Part Number	Number of Ports	Patch Panel Style	Performance Level	Identification Type	Termination Style	Number of Rack Units	Color
DPA246X88TGY	24	Angled	Category 6A	Adhesive Label	Punchdown	1	Black
★ DPA486X88TGY	48					2	

Mini-Com® TX6™ PLUS UTP Coupler Module Patch Panel

- Pre-populated with Mini-Com® TX6™ PLUS UTP Couplers
- Coupler-based panels provide fast and easy connection of 6 and 8-position RJ45 patch cords



CP24688BL

Part Number	Number of Ports	Patch Panel Style	Performance Level	Identification Type	Termination Style	Number of Rack Units	Color
CP24688BL	24	Flat	Category 6	Adhesive Label	Coupler	1	Black

Mini-Com® TX6A™ 10Gig™ UTP Coupler Module Patch Panel

- Pre-populated with Mini-Com® TX6A™ 10Gig™ UTP Couplers
- Coupler-based panels provide fast and easy connection of 6 and 8-position RJ45 patch cords

Cabinets,
Thermal
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Racks &
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Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

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CP246X88BL

Part Number	Number of Ports	Patch Panel Style	Performance Level	Identification Type	Termination Style	Number of Rack Units	Color
CP246X88BL	24	Flat	Category 6A	Adhesive Label	Coupler	1	Black

NetKey® Category 6 Flat Punchdown Patch Panel

- Pre-populated with Category 6 Keystone punchdown modules



NK6PPG24Y

NK6PPG48Y

Part Number	Number of Ports	Patch Panel Style	Identification Type	Performance Level	Number of Rack Units	Color
★ NK6PPG24Y	24	Flat	Adhesive Label	Category 6	1	Black
★ NK6PPG48Y	48				2	

NetKey® Category 6A Flat Punchdown Patch Panel

- Pre-populated with Category 6A Keystone punchdown modules



NK6XPPG24Y

NK6XPPG48Y

Part Number	Number of Ports	Patch Panel Style	Identification Type	Performance Level	Number of Rack Units	Color
NK6XPPG24Y	24	Flat	Adhesive Label	Category 6A	1	Black
NK6XPPG48Y	48				2	

RJ45 Blockout Device

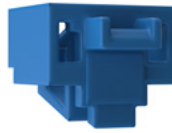
- Saves time and money by blocking unauthorized access and protecting jacks from foreign objects
- Compatible with most RJ45 jacks and does not interfere with jack contacts
- Does not interfere with adjacent jacks or hardware
- Requires key to remove



PSL-DCJB



PSL-DCJB-BL



PSL-DCJB-BU

Part Number	Includes	Color
PSL-DCJB	(10) Devices, (1) Key	Red
PSL-DCJB-BL		Black
PSL-DCJB-BU		Blue
PSL-DCJB-C	(100) Devices, (5) Keys	Red

Available in a variety of colors for design flexibility, visit panduit.com.

Single Key Master Key

- Unlocks single key RJ45, USB-A, and USB-C blockout devices
- Supports controlled removal and reconfiguration of installed blockout devices



SKMKEY

Part Number	Color
SKMKEY	Gray

Single Key RJ45 Blockout Device

- Blocks access to RJ45 ports to prevent unauthorized connections and accidental damage
- Key-operated locking mechanism enables controlled installation and removal
- Durable construction supports repeated use in enterprise and data center environments



SKRJ45RD-X

Part Number	Color
SKRJ45RD-X	Red

Single Key USB Type A Blockout Device

- Blocks access to USB-A ports to prevent unauthorized device connections and data transfer
- Key-operated locking design enables controlled installation and removal
- Low-profile, durable construction supports use in enterprise and data center environments

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Hardware

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

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SKUSBA-V

Part Number	Color
SKUSBA-V	Red

Single Key USB Type C Blockout Device

- Blocks access to USB-C ports to prevent unauthorized device connections and data transfer
- Key-operated locking design enables controlled installation and removal



SKUSBC

Part Number	Color
SKUSBC	Red

Standard RJ45 Lock-In Device

- Locks RJ45 patch cords in place to prevent unauthorized or accidental disconnection
- Key-operated mechanism enables controlled removal during maintenance or reconfiguration
- Low-profile design maintains port density without interfering with adjacent connections



PSL-DCPLE



PSL-DCPLE-BL

Part Number	Includes	Color
PSL-DCPLE	(10) Devices, (1) Key	Red
PSL-DCPLE-BL		Black
PSL-DCPLE-C	(100) Devices, (5) Keys	Red

Available in a variety of colors for design flexibility, visit panduit.com.

Recessed RJ45 Lock-In Device

- Locks RJ45 patch cords in place to prevent unauthorized or accidental disconnection
- Key-operated mechanism enables controlled removal during maintenance or reconfiguration
- Low-profile design maintains port density without interfering with adjacent connections



PSL-DCPLRE



PSL-DCPLRE-BL

Part Number	Includes	Color
PSL-DCPLRE	(10) Devices, (1) Key	Red
PSL-DCPLRE-BL		Black

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Broadband FTTH Solutions

that Install Faster and Scale Smarter

Meet tight project deadlines with our fiber-to-the-home portfolio. **Eliminate time-consuming splicing and terminal re-entry to reduce installation time and service disruptions.** Whether you're deploying in aerial, underground, or direct-buried applications, our BEAD/BABA-compliant solutions are your key to save time and scale your broadband network.



BEAD-Qualified

Capture limited-time federal funding



Pre-Connectorized Assemblies

Accelerates deployment timelines



BABA Certified

Qualifies for domestic sourcing requirements



For more information, visit
panduit.com/ftth

PANDUIT®

Save Capital Expenses, Rack Space, and Power Requirements with Base-8 Connectivity

Equipped with four lanes dedicated for Transmit (Tx) and four lanes for Receive (Rx), **Base-8 fiber cables are highly versatile** making them suitable for enterprise networks, colocation data centers or simple equipment closets.



Power Savings

Cabling breakouts can reduce electric power consumption by more than 50%



Future Proof

Seamless upgrades from 40G-SR4 to 100G-SR4, 200G-SR4, 400G-SR4 and beyond



Rack Space Savings

Facilitate 100% fiber utilization for parallel optics applications



For more information, visit
panduit.com/base-8



PANDUIT®

Future Proof Your Data Center up to 1.6 Terabits with Base-16

As workloads evolve, fiber networks require connectivity that delivers high speeds and full-lane utilization. The Base-16 Fiber Cabling System meets this need by leveraging the 16-fiber MPO interface, **ensuring full use of large lane count and eliminating dark fibers in data transmission.**



100% Fiber Utilization

Eliminates wasted dark fibers



Operational Excellence

8 lanes dedicated to Transmit and 8 lanes dedicated to Receive



Hyperscale-Ready

Ideal where every fiber matters



For more information, visit
panduit.com/base-16

PANDUIT®



Opti-Core® All-Dielectric Outside Plant Fiber Cable

- Allows installation using loose tube cable methods in outdoor environments such as transitional aerial and duct applications
- Gel-free design with water swellable tape provides dry water blocking
- All-dielectric construction eliminates the need for grounding and bonding
- UV resistant cable sheathing meets the light absorption requirement defined by Telcordia GR-20, Issue 2 to withstand harsh outdoor environmental demands
- Complies with RUS 7 CFR 1755.900 requirements for fiber optic service entrance cables
- Available in 6 – 144 fiber counts in loose tube design
- Medium density polyethylene jacket provides low friction installation
- Sheath markings provide positive identification, quality, traceability, and length verification
- 250µm buffer coating protects fibers during handling and allows for ease of stripping



FOTNX06

Part Number	Armor or Non-Armor	Buffered, Loose Tube or Ribbon	Flammability Rating	Fiber Type	Fiber Diameter (µm)	Fiber Count
FOTNX06	Non-Armored	250µm Loose Tube	Not Rated	OM3	50	6
FOTNX12				OM4		12
FOTNZ12				OS2	9	144
FSTN912						24
FSTN91A						
FSTN924						

Opti-Core® Armored Outside Plant Fiber Cable

- Allows installation using loose tube cable methods in outdoor environments such as transitional aerial and duct applications
- Gel-free design with water swellable tape provides dry water blocking
- Corrugated steel armor provides superior crush resistance and rodent protection for extended durability
- UV resistant cable sheathing meets the light absorption requirement defined by Telcordia GR-20, Issue 2 to withstand harsh outdoor environmental demands
- Complies with RUS 7 CFR 1755.900 requirements for fiber optic service entrance cables
- Available in 6 – 144 fiber counts in loose tube design
- Medium density polyethylene jacket provides low friction installation
- Sheath markings provide positive identification, quality, traceability, and length verification
- 250µm buffer coating protects fibers during handling and allows for ease of stripping



FOWNX06

Part Number	Buffered, Loose Tube or Ribbon	Flammability Rating	Fiber Type	Fiber Diameter (µm)	Fiber Count
FOWNX06	250µm Loose Tube	Not Rated	OM3	50	6
FOWNX12	250µm Loose Tube	Not Rated	OM3	50	12

Opti-Core® Armored Outside Plant Fiber Cable (continued)

Part Number	Buffered, Loose Tube or Ribbon	Flammability Rating	Fiber Type	Fiber Diameter (µm)	Fiber Count
FOWNZ06	250µm Loose Tube	Not Rated	OM4	50	6
FOWNZ12					12
FSWN906			OS2	9	6
FSWN912					12
FSWN924					24
FSWN948					48

Outdoor Splice Closure

- IP68-rated hermetically sealed enclosure protects fiber optic splices from water ingress in underground and man/handhole installations
- Telcordia GR-771-CORE validated for buried and underground applications, ensuring reliable performance in demanding outdoor environments
- 4-port segmented end plate design provides independent access to each cable port without disrupting surrounding cables during maintenance
- Flexible grommet sealing technology supports a wide range of flat and round cable profiles from 0.40" to 0.85" diameter
- Removable splice tray design allows multiple splicers to work simultaneously for improved efficiency
- Accommodates up to 6 splice trays with options for 24-count (OFC24SST) or 40-count (OFC40SST) single fusion fiber splice trays
- Kit includes dome, collar, gasket, grommets, and buffer tube organizer for out-of-the-box installation readiness
- Meets Build America, Buy America and U.S. Trade Agreements Act requirements for federally funded projects



OFCD6517BF

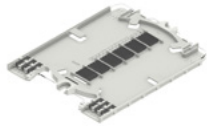
Part Number	Short Description
OFCD6517BF	Outdoor splice closure for use with fusion spliced single fibers

Full product portfolio and solutions at panduit.com

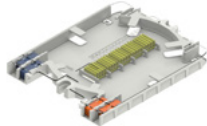


Outdoor Closure Splice Tray

- Organize and protect fusion splices in outdoor fiber optic enclosure applications
- Corrosion-resistant materials withstand harsh environmental conditions
- Compatible with outdoor fiber closure OFCD6517BF
- Organized splice protection keeps fusion splices secure and accessible for easy maintenance and troubleshooting in the field
- Modular design allows for flexible configuration and scalability as fiber deployment requirements grow over time



OFC24SST



OFC40SST

Part Number	Short Description
OFC24SST	Outdoor closure splice tray for 24 fusion spliced single fibers
OFC40SST	Outdoor closure splice tray for 40 fusion spliced single fibers

Broadband FTTH Pedestal Enclosure

- Available in 8" and 10" sizes with multiple configurations
- Galvanized steel construction provides superior corrosion protection for long-term durability in underground fiber deployments
- 8" pedestal stores up to 50 ft. of flat MST cable, while 10" pedestal accommodates up to 100 ft., optimizing space for various installation sizes
- Universal mounting bracket accommodates up to 12-port MST terminals to simplify installation and reduce field setup time
- Integrated fiber splice tray holder options enable splicing at remote locations with secure cable slack storage within the pedestal
- Pre-configured solutions reduce SKU complexity, easing inventory handling and logistics while meeting specific project requirements
- Meets Build America, Buy America and U.S. Trade Agreements Act requirements for government-funded broadband projects



HUB-10-FSTH



HUB-10-MB



HUB-10-MB-FSTH

Part Number	Nominal Width (In.)	Product Type	Std. Pkg. Qty.	Std. Ctn. Qty.
HUB-10-FSTH	10	Pedestal with Fiber Splice Tray	1	16
HUB-10-MB		Pedestal with Mounting Bracket		
HUB-10-MB-FSTH		Pedestal with Mounting Bracket and Fiber Splice Tray		
HUB-8-FSTH	8	Pedestal with Fiber Splice Tray		25
HUB-8-MB		Pedestal with Mounting Bracket		

Pedestal Anchoring Stake

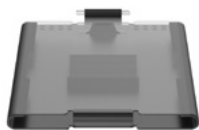
- Provides secure anchoring for Panduit pedestals in underground fiber deployments and broadband infrastructure installations
- Galvanized steel construction ensures corrosion resistance and long-term durability in outdoor soil conditions
- Provides optimal ground penetration while maintaining structural strength for stable pedestal mounting
- Compatible with HUB-8 and HUB-10 pedestal series
- Easy installation streamlines pedestal setup
- Meets U.S. Trade Agreements Act requirements for government and federally funded broadband projects



Part Number	For Use With	Overall Height In. (mm)	Color	Std. Pkg. Qty.
HUB-S32	HUB-8, HUB-10 Pedestals	32 (812.8)	Green	5
HUB-S42		42 (1066.8)		

Pedestal 24-Fiber Splice Tray

- Organized splice protection securely holds and protects fiber splices within Panduit pedestal enclosures for reliable connections
- Compatible with fiber splice tray holder configurations in HUB-8-FSTH, HUB-10-FSTH, and HUB-10-MB-FSTH pedestals
- Compact design maximizes splice capacity while fitting efficiently within 8" and 10" pedestal enclosures
- Integrated splice holder with protective cover keeps fusion splices organized and accessible for easy maintenance and troubleshooting
- Durable construction withstands outdoor environmental conditions for long-term splice integrity in underground deployments
- Accommodates 40mm fiber protector sleeves (FOSP40-C for single fiber, FOSPR40-L for ribbon) for complete splice protection
- Meets U.S. Trade Agreements Act requirements for government and federally funded broadband infrastructure projects



HUB-ST

Part Number	For Use With	Includes	Color
HUB-ST	HUB-8, HUB-10 Pedestals	(1) Cover	Black

Pedestal Replacement Grommet Kit

- Replacement grommet kit provides spare sealing components for maintaining pedestal integrity during cable installations and modifications
- Seals cable entry points to prevent moisture, dirt, and debris ingress into pedestals
- Compatible with HUB-8 and HUB-10 pedestal series
- Simplifies maintenance and allows quick grommet updates without replacing entire pedestal assemblies
- Maintains IP rating protection when properly installed, ensuring long-term reliability of fiber infrastructure in underground environments
- Extends pedestal lifespan by enabling targeted component replacement rather than full unit replacement
- Meets U.S. Trade Agreements Act requirements for government and federally funded broadband infrastructure projects



HUB-GROM-KT

Part Number	For Use With	Includes	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)
HUB-GROM-KT	HUB-8, HUB-10 Pedestals	(4) Cable Entry Grommets	1.68 (42.5)	1.35 (34.3)	1.5 (38.1)

Pedestal Armored Cable Grounding Kit

- Complete grounding solution includes 24" long 6 AWG grounding cable, bonding screws, nuts, and armored cable bonding connector
- Ensures electrical safety and proper bonding for fiber pedestal installations in underground broadband deployments
- 6 AWG grounding cable provides adequate conductivity for effective fault protection and lightning surge dissipation
- Armored cable bonding connector enables secure grounding of metallic armored fiber cables within the pedestal
- Simplifies field installation and reduces setup time for ground rod connections
- Compatible with all HUB pedestal series including 8" and 10" models for consistent grounding across installations
- Works with bronze ground rod clamp (GRC2-58-TL) for complete pedestal-to-ground connection in direct burial applications
- Meets U.S. Trade Agreements Act requirements for government and federally funded broadband infrastructure projects



HUB-GK

Part Number	For Use With	Includes	Overall Length In. (mm)	Color
HUB-GK	Pedestals	(1) Grounding Cable, (1) Connector	25.5 (647.7)	Green

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Multiport Service Terminal

- Meets diverse FTTx deployment requirements
- Toneable and non-toneable (dielectric) options provide flexibility for network diagnostics, maintenance, and utility coordination needs
- IP68 + 2m waterhead rated ensures reliable performance in underground, aerial, and surface-mounted installations in harsh environments
- Hardened full-size SC/APC connectors deliver low insertion loss (0.4 dB max) and high return loss (-65 dB typical) for superior optical performance
- Compact, gasketed hardened plastic housing ideal for tight spaces in handholes, pedestals, poles, and strand mounting applications
- Telcordia GR-3120, GR-326, and GR-771 qualified meets rigorous telecom standards for outside plant fiber optic terminal applications
- Meets U.S. Trade Agreements Act requirements for government and federally funded broadband infrastructure projects



P-MST-12D-200



P-MST-12D-500



P-MST-4D-200



P-MST-4D-500



P-MST-8D-200

Part Number	Number of Ports	Cable Construction	Cable Length ft. (m)	Fiber Type	Connector Type	Mount Method	Minimum Operating Wavelength (nm)	Maximum Operating Wavelength (nm)	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)							
P-MST-12D-200	12	Flat Dielectric	200 (60.96)	OS2	Unterminated	Handhole, Pedestal, Pole, Strand	1260	1635	21.5 (546.9)	5.1 (129.5)	3.3 (84.1)							
P-MST-12D-500			500 (152.4)															
P-MST-12T-200		Flat Toneable	200 (60.96)															
P-MST-12T-500			500 (152.4)															
P-MST-4D-200	4	Flat Dielectric	200 (60.96)						OS2			Unterminated	Handhole, Pedestal, Pole, Strand	1260	1635	11.1 (282.4)	5.1 (129.5)	3.3 (84.1)
P-MST-4D-500			500 (152.4)															
P-MST-4T-200		Flat Toneable	200 (60.96)															
P-MST-4T-500			500 (152.4)															
P-MST-8D-200	8	Flat Dielectric	200 (60.96)	OS2	Unterminated	Handhole, Pedestal, Pole, Strand	1260	1635		16.3 (414.5)	5.1 (129.5)					3.3 (84.1)		
P-MST-8D-500			500 (152.4)															
P-MST-8T-200		Flat Toneable	200 (60.96)															
P-MST-8T-500			500 (152.4)															

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Protection

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Non-Toneable Drop Cable Assembly

- Flat dielectric drop cable with black UV-resistant polyethylene jacket for outdoor durability
- Single-fiber OS2 (G.652.D) singlemode construction with gel-filled buffer tube for moisture blocking
- Suitable for direct-burial, duct, or self-supporting aerial installations
- Dielectric strength members provide crush resistance and tensile strength during installation
- Factory-terminated with OptiTap®-compatible SC/APC hardened connector; unterminated pigtail end for splicing
- Designed for FTTH and access networks where cable locating is not required
- Available in standard lengths with plug-to-pigtail configuration

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FHDCDPT-0050

Part Number	Connector 1 Type	Connector 2 Type	Fiber Type	Fiber Count	Jacket Material	Cable Color	Outer Diameter In. (mm)	Overall Length ft. (m)
FHDCDPT-0050	SC Simplex APC	Unterminated	OS2	1	Polyethylene	Black	.319 x .177 (8.1 x 4.5)	50 (15.24)
FHDCDPT-0100								100 (30.48)
FHDCDPT-0200								200 (60.96)
FHDCDPT-0300								300 (91.44)
FHDCDPT-0400								400 (121.92)
FHDCDPT-0500								500 (152.4)
FHDCDPT-0600								600 (182.88)
FHDCDPT-0700								700 (213.36)
FHDCDPT-0800								800 (243.84)
FHDCDPT-0900								900 (274.32)
FHDCDPT-1000								1000 (304.8)

Toneable Drop Cable Assembly

- Flat drop cable with black UV-resistant polyethylene jacket for outdoor durability
- Single-fiber OS2 (G.652.D) singlemode construction with gel-filled buffer tube for moisture blocking
- Suitable for direct-burial, duct, or self-supporting aerial installations
- Dielectric strength members provide crush resistance and tensile strength during installation
- Factory-terminated with OptiTap®-compatible SC/APC hardened connector; unterminated pigtail end for splicing
- Integrated metallic toning conductor enables field cable locating and identification
- Designed for FTTH and access networks where traceability is required
- Available in standard lengths with plug-to-pigtail configuration



FHDCTPT-0050

Part Number	Connector 1 Type	Connector 2 Type	Fiber Type	Fiber Count	Jacket Material	Cable Color	Outer Diameter In. (mm)	Overall Length ft. (m)
FHDCTPT-0050	SC Simplex APC	Unterminated	OS2	1	Polyethylene	Black	.319 x .177 (8.1 x 4.5)	50 (15.24)

Toneable Drop Cable Assembly (continued)

Part Number	Connector 1 Type	Connector 2 Type	Fiber Type	Fiber Count	Jacket Material	Cable Color	Outer Diameter In. (mm)	Overall Length ft. (m)
FHDCTPT-0100	SC Simplex APC	Unterminated	OS2	1	Polyethylene	Black	.319 x .177 (8.1 x 4.5)	100 (30.48)
FHDCTPT-0200								200 (60.96)
FHDCTPT-0300								300 (91.44)
FHDCTPT-0400								400 (121.92)
FHDCTPT-0500								500 (152.4)
FHDCTPT-0600								600 (182.88)
FHDCTPT-0700								700 (213.36)
FHDCTPT-0800								800 (243.84)
FHDCTPT-0900								900 (274.32)
FHDCTPT-1000								1000 (304.8)

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Opti-Core® Indoor/Outdoor All-Dielectric Loose Tube Fiber Cable

- Allows installation using loose tube cable methods within building and outdoor environments for transitional aerial and duct applications, and in entrance facilities that require Riser (OFNR) or Plenum (OFNP) rated cable
- Eliminates the need for building entrance transition point
- All-dielectric construction eliminates the need for grounding and bonding
- UV resistant cable sheathing meets the light absorption requirement defined by Telcordia GR-20, Issue 2 to withstand harsh outdoor environmental demands
- Dry water-blocking technology allows rapid cable preparation and termination for lower termination costs and time (no messy gel to clean up)
- Available in 6- and 12-fiber counts central loose tube and 24 – 144 fiber counts in stranded loose tube design
- Sheath markings provide positive identification, quality, traceability, and length verification
- 250µm buffer coating protects fibers during handling and allows for ease of stripping

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FOCPX06Y

Part Number	Flammability Rating	Fiber Type	Fiber Diameter (µm)	Fiber Count	Buffered, Loose Tube or Ribbon
FOCPX06Y	Plenum (OFNP)	OM3	50	6	250µm Loose Tube
FOCPX12Y				12	
FOCPZ06Y		OM4		6	
FOCPZ12Y				12	
FOCRX06Y	Riser (OFNR)	OM3		6	
FOCRX12Y				12	
FOCRZ06Y		OM4		6	
FOCRZ12Y				12	
FONPZ24Y	Plenum (OFNP)			24	
FONRX48Y	Riser (OFNR)	OM3		48	
FONRX96Y				96	
FSCP912Y	Plenum (OFNP)	OS2	9	12	
FSCR906Y	Riser (OFNR)	OS2	9	6	250µm Loose Tube

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Opti-Core® Indoor/Outdoor All-Dielectric Loose Tube Fiber Cable (continued)

Part Number	Flammability Rating	Fiber Type	Fiber Diameter (µm)	Fiber Count	Buffered, Loose Tube or Ribbon
FSCR912Y	Riser (OFNR)	OS2	9	12	250µm Loose Tube
FSNP924Y	Plenum (OFNP)			24	
FSNP948Y				48	
FSNP996Y				96	

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Opti-Core® Indoor/Outdoor Loose Tube Fiber Cable

- Allows installation using loose tube cable methods within building and outdoor environments for transitional aerial and duct applications, and in entrance facilities that require Riser (OFCR) or Plenum (OFCP) rated cable
- Eliminates the need for building entrance transition point
- Interlocking aluminum armor eliminates the need for inner duct or conduit to provide a smaller crush resistant pathway for design flexibility and a lower installed cost
- UV resistant cable sheathing meets the light absorption requirement defined by Telcordia GR-20, Issue 2 to withstand harsh outdoor environmental demands
- Dry water-blocking technology allows rapid cable preparation and termination for lower termination costs and time (no messy gel to clean up)
- Available in 6- and 12-fiber counts central loose tube and 24 – 96 fiber counts in stranded loose tube design
- Sheath markings provide positive identification, quality, traceability, and length verification
- 250µm buffer coating protects fibers during handling and allows for ease of stripping



FOGPZ12Y

Copper
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Part Number	Armor or Non-Armor	Buffered, Loose Tube or Ribbon	Flammability Rating	Fiber Type	Fiber Diameter (μm)	Fiber Count
FOGPZ12Y	Armored	250μm Loose Tube	Plenum (OFCP)	OM4	50	12
FOMPX24Y				OM3		24
FSGR912Y			Riser (OFCR)	OS2	9	12
FSMP624Y			Plenum (OFCP)	OM1	62.5	24
FSMP924Y				OS2	9	
FSMR924Y			Riser (OFCR)			

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Opti-Core® Indoor/Outdoor Ribbon Fiber Cable

- Ribbonized fibers reduce installation time by allowing the installer to splice or terminate twelve fibers at a time
- 12-fiber ribbons are compatible with MPO multi-fiber connectors and pigtails
- Flame ratings include Plenum, Riser, LSZH and EuroClass
- Both the indoor and indoor-outdoor versions are used in data centers, colocation facilities and vertical backbones
- Indoor-outdoor version has a robust construction suitable for building-to-building cable connections, eliminating the need for intermediate splice transitions from the outdoor environment to indoor use



FFCCBX288-24F



FFCDBX288-28M



FFDDBF144-18M



FFDPAX144F



FFDPBF012F

Part Number	Environment	Buffered, Loose Tube or Ribbon	Flammability Rating	Fiber Type	Fiber Diameter (μm)	Fiber Count	
FFCCBX288-24F	Indoor/Outdoor		LSZH	OS2	9	288	
FFCDBX288-28M			Riser/LSZH				
FFDDBF144-18M							144
FFDPAX144F	Indoor	Ribbon	Plenum (OFNP)				12
FFDPBF012F						24	
FFDPBF024F						48	
FFDPBF048F						72	
FFDPBF072F						96	
FFDPBF096F						12	
FFDPZF012F			OM4	50	24		
FFDPZF024F					48		
FFDPZF048F					72		
FFDPZF072F					96		
FFDPZF096F							

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Opti-Core® Indoor/Outdoor Tight Buffered Armored Cable

- Allows installation using tight buffered cable methods within building and outdoor environments for transitional aerial and duct applications, and in entrance facilities that require Riser (OFCR) or Plenum (OFCP) rated cable
- Interlocking aluminum armor eliminates the need for inner duct or conduit to provide a smaller crush resistant pathway for design flexibility and a lower installed cost
- Sheath markings provide positive identification, quality, traceability, and length verification
- 900µm buffer coating protects fibers during handling and allows for ease of stripping



FSLP912

Part Number	Flammability Rating	Fiber Type	Fiber Diameter (µm)	Fiber Count
FSLP912	Plenum (OFCP)	OS2	9	12
FSLP924				24
FSLR912	Riser (OFCR)	OS2	9	12

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Opti-Core® Indoor/Outdoor Tight Buffered Armored Cable (continued)

Part Number	Flammability Rating	Fiber Type	Fiber Diameter (µm)	Fiber Count
FSLR948	Riser (OFCR)	OS2	9	48

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Opti-Core® Indoor Distribution Buffered Fiber Cable

- Used in intrabuilding backbone, building backbone, and horizontal installations for riser (OFNR), plenum (OFNP), and general-purpose environments
- Available in 6-, 12-, and 24-fiber counts in a single jacket design, and in 48-, 72-, 96-, and 144-fiber counts in a sub-unit design
- Sheath markings provide positive identification, quality, traceability, and length verification
- Cable design and flexible buffer tubes allow for quick breakout and ease of routing
- 900µm standards-based color-coded buffer coating protects fibers during handling and allows for easy identification and stripping

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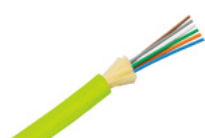
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FODPW12Y



FODPX06Y



FODPX12Y



FODPZ24Y



FSDP912Y

Part Number	Flammability Rating	Fiber Type	Fiber Diameter (μm)	Fiber Count	
FODPW12Y	Plenum (OFNP)	OM5	50	12	
FODPW24Y				24	
FODPX06Y		OM3		6	
FODPX12Y				12	
FODPZ06Y		OM4		6	
FODPZ12Y				12	
FODPZ24Y				24	
FODRX06Y	Riser (OFNR)	OM3		6	
FODRZ12Y		OM4		12	
FODRZ24Y				24	
FSDP912Y	Plenum (OFNP)	OS2	9	12	
FSDP924Y				24	
FSDR912Y	Riser (OFNR)				12
FSDR924Y					24

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Opti-Core® Indoor Distribution Interlocking Armored Fiber Cable

- Used in intrabuilding backbone, building backbone, and horizontal installations for riser (OFCR), plenum (OFCP), and general-purpose environments
- Interlocking aluminum armor eliminates the need for inner duct or conduit to provide a smaller crush resistant pathway for design flexibility and a lower installed cost
- Available in 6, 12, and 24-fiber counts in a single jacket design, and in 48, 72, 96, and 144-fiber counts in a sub-unit design
- Sheath markings provide positive identification, quality, traceability, and length verification
- Cable design and flexible buffer tubes allow for quick breakout and ease of routing
- 900µm standards-based color-coded buffer coating protects fibers during handling and allows for easy identification and stripping



FOPPX06Y



FSPP906Y

Part Number	Flammability Rating	Fiber Type	Fiber Diameter (μm)	Fiber Count
FOPPX06Y	Plenum (OFCP)	OM3	50	6
FOPPX12Y				12
FOPPX24Y				24
FOPPZ06Y		OM4		6
FOPPZ12Y				12
FOPPZ24Y				24
FOPRZ12Y	Riser (OFCR)		12	
FSPP906Y	Plenum (OFCP)	OS2	9	6
FSPP912Y				12
FSPP914Y				144
FSPP924Y				24
FSPP948Y				48
FSPP972Y				72
FSPP996Y				96
FSPP912Y	Riser (OFCR)		12	



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Opti-Core® Indoor Interconnect Fiber Cable

- Used in interconnect and horizontal installations for Riser (OFNR), Plenum (OFNP) or general purpose environments
- Sheath markings provide positive identification, quality, traceability, and length verification
- Colored buffer for ease of identification
- High quality buffering offers ease of stripping while maintaining optical performance
- Small diameter and flexible jackets allow for routing in tight spaces such as panels, cable trays, and fiber to the desk (FTTD) applications



FOIPZ02Y

Part Number	Flammability Rating	Fiber Type	Fiber Diameter (μm)	Fiber Count
FOIPZ02Y	Plenum (OFNP)	OM4	50	2
FOIRX02Y	Riser (OFNR)	OM3		

IndustrialNet™ Dielectric Double-Jacketed Cable

- Kevlar protects dry buffer tubes re-enforced double jacketing eliminating the need for additional conduit or pathway installation and providing a smaller, crush-resistant cable for improved design flexibility and lower installed cost
- All-dielectric construction eliminates the need for grounding and bonding, thereby reducing installation time and cost
- Riser rated (OFNR) and compliant with Low Smoke Zero Halogen (LSZH) specifications
- Fiber types include OM4 multimode available in 6-, 12-, and 24-fiber counts as well as OS2 singlemode available in 6-, 12-, 24-, 48-, and 96-fiber counts



FOJDZ06



FSJD906



FSJD948

Part Number	Environment	Flammability Rating	Fiber Type	Fiber Diameter (μm)	Fiber Count
FOJDZ06	Indoor/Outdoor	Riser/LSZH	OM4	50	6
FOJDZ12					12
FOJDZ24					24
FSJD906			OS2	9	6
FSJD912					12
FSJD924					24
FSJD948					48
FSJD996					96

Pan-Net® Base-8 Fiber Interconnect, OFNP, MPO to MPO

- Pre-terminated 8, 16, and 24-fiber indoor round cables for high-density networks
- Offered in OS2, OM4, OM5, and OM4+ fiber types to support 40G–400G applications
- MPO and PanMPO male or female connectors enable flexible system configurations
- Factory testing ensures compliant insertion loss and return loss performance
- Plenum, LSZH, and Euroclass B2ca jackets meet global installation standards
- Rated bend radius and tensile strength support reliable installation and routing



Part Number	Fiber Type	Fiber Count	Connector 1 Type	Connector 2 Type	IL Performance	Flammability Rating	Cable Color	Overall Length ft. (m)	Polarity
FR98PGGB001F003	OS2	8	MPO-8 APC Female	MPO-8 APC Female	Standard	Plenum (OFNP)	Yellow	3 (0.91)	Method B
FR98PVVB011F030		PanMPO™-8 APC Female	PanMPO™-8 APC Female	30 (9.14)					
FR9CPVVB012F030									
FR9UPVVB012F030									
FRZ8PJY011F030	OM4	8	PanMPO™-8 Female	PanMPO™-8 Female	Optimized	Aqua	30 (9.14)	Method B	
FRZCPJY012F030		16							
FRZUPJY012F030		24							

QuickNet™ Indoor Small Diameter MPO Female Trunk Cable Assembly, High Fiber Count

- Optimize cable routing requirements to ensure efficient use of pathway space
- Significantly reduce installation time and cost
- Fiber Optic Trunk Cable Assemblies are 100% factory tested
- Test results are provided with each trunk
- ISO/IEC 11801, ANSI/TIA-568.3-D, TIA/EIA-604 (FOCIS-5), GR-409-CORE, ANSI/ICEA S-83-596-2016
- RoHS Compliant
- Standard 1-meter breakout length
- Length measured from connector to connector
- Prelabeled with the RapidID™ Network Mapping System to enable faster tracing, placing, and network documentation



F8ANM5E5EAM010

Part Number	Connector 1 Type	Connector 2 Type	Flammability Rating	Fiber Type	Fiber Count	Cable Color	IL Performance	Overall Length ft. (m)
F8ANM5E5EAM010	MPO-12 Female	MPO-12 Female	LSZH	OS2	144	Yellow	Standard	32.81 (10)
F8ANM5ENNAAM010		Unterminated						
F8RNM5E5EAM010		MPO-12 Female			864			
F8RNM5ENNAAM010		Unterminated						

QuickNet™ Indoor/Outdoor MTP Female to Pigtail Trunk Cable Assembly, High Fiber Count

- Optimize cable routing requirements to ensure efficient use of pathway space
- Significantly reduce installation time and cost
- Fiber Optic Trunk Cable Assemblies are 100% factory tested
- Test results are provided with each trunk
- ISO/IEC 11801, ANSI/TIA-568.3-D, TIA/EIA-604 (FOCIS-5), GR-409-CORE, ANSI/ICEA S-83-596-2016
- RoHS Compliant
- Standard 1-meter breakout length
- Length measured from connector to connector
- Prelabeled with the RapidID™ Network Mapping System to enable faster tracing, placing, and network documentation



F8BNM5ENNAAM010

Part Number	Fiber Type	Fiber Count	Cable Color	IL Performance	Overall Length ft. (m)
F8BNM5ENNAAM010	OS2	288	Yellow	Standard	33 (10)
F8NNM5ENNAAM010		432			
F8ONM5ENNAAM010		576			

QuickNet™ Indoor/Outdoor MTP Female Trunk Cable Assembly, High Fiber Count

- Optimize cable routing requirements to ensure efficient use of pathway space
- Significantly reduce installation time and cost
- Fiber Optic Trunk Cable Assemblies are 100% factory tested
- Test results are provided with each trunk
- ISO/IEC 11801, ANSI/TIA-568.3-D, TIA/EIA-604 (FOCIS-5), GR-409-CORE, ANSI/ICEA S-83-596-2016
- RoHS Compliant
- Standard 1-meter breakout length
- Length measured from connector to connector
- Prelabeled with the RapidID™ Network Mapping System to enable faster tracing, placing, and network documentation



F8BNM5E5EAM010

Part Number	Fiber Type	Fiber Count	Cable Color	IL Performance	Overall Length ft. (m)
F8BNM5E5EAM010	OS2	288	Yellow	Standard	33 (10)
F8NNM5E5EAM010		432			
F8ONM5E5EAM010		576			

QuickNet™ PanMPO™ Female to LC Duplex Cable Harness

- Connects a single MPO-based port to four LC-based components for high-speed LAN/SAN applications
- Supports migration from 40G/100G/400G to multiple 10G/25G/100G channels
- Factory-terminated 8-fiber OM4 cable with Aqua jacket; available in OFNP or LSZH ratings
- Features PanMPO™ female to LC Duplex connectors with 24-inch equal breakout
- ISO/IEC 11801, TIA/EIA-568-C.3, RoHS compliant

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FHZCPOL5026F003

FZ8RP5NLSQNM002

Part Number	Connector 1 Type	Connector 2 Type	Fiber Type	Flammability Rating	Overall Length ft. (m)
FHZCPOL5026F003	MPO-16 APC Female	LC Duplex Push-Pull	OM4	Plenum (OFNP)	3 (0.91)
FZ8RP5NLSQNM002	MPO-8 Female	LC Duplex			6.56 (2)
FZ8RP5NLSQNM003					9.84 (3)
FZ8RP5NLSQNM005					16.4 (5)
FZ8RP5NLSQNM008					26.25 (8)
FZ8RP5NLSQNM010					32.81 (10)
FZ8RP5NLSQNM012					39.37 (12)
FZ8RP5NLSQNM015					49.21 (15)

Opti-Core® LC Uniboot Patch Cord

- Utilizes OM4 multimode fiber, supporting 10 Gigabit Ethernet and high-bandwidth applications
- Factory-terminated and tested for low insertion loss and high performance reliability
- Patch cord is RoHS compliant and features a plenum-rated jacket for safe installation in air-handling spaces

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F92RPU1U10NM001

F92RPU2U20NM001

FS2RPU1U1NNM001

Part Number	Connector 1 Type	Connector 2 Type	Flammability Rating	Fiber Type	Fiber Count	Cable Color	IL Performance	Outer Diameter In. (mm)	Overall Length ft. (m)
F92RPU1U10NM001	LC Duplex Uniboot	LC Duplex Uniboot	Plenum (OFNP)	OS2	2	Yellow	Optimized	0.08 (2)	3.2 (1)
F92RPU2U20NM001	LC Duplex Uniboot APC	LC Duplex Uniboot APC		OM4+		Aqua	Ultra Low		
FS2RPU1U1NNM001	LC Duplex Uniboot	LC Duplex Uniboot		OM4		Aqua	Optimized		
FZ2RPU1U10NM001	LC Duplex Uniboot	LC Duplex Uniboot		OM4		Aqua	Optimized		

Opti-Core® Configurable Connector Patch Cord

- Fiber optic patch cords and pigtailed provide interconnect and cross-connect of applications over installations in entrance facilities, telecommunications rooms, data centers and at the desk
- Patch cords support network applications in main, horizontal and equipment distribution areas and are available in riser (OFNR) or plenum (OFNP)
- Pre-terminated fiber optic pigtailed support fusion splice field termination applications. Fiber optic patch cords and pigtailed are available in OM3, OM4, OM4+ Signature Core, OM5 or OS2 fiber types
- Meets or exceeds ISO/IEC 11801, ANSI/TIA-568.3-D, IA/EIA-604 (FOCIS-3 and FOCIS-10)
- Restriction of Hazardous Substances (RoHS) Compliance: All patch cord components meet the requirements of Directive 2002/95/EC
- Colored patch cord with keyed connectors or non-keyed colored connectors available in plenum (OFNP) and OM4+ Signature Core or OS2 fiber types
- All patch cords available in lengths 1m – 50m



F923RANSNSNM001

F92ERANB1SNM001

F92ERB1LNSNM001

F92ERB1SNSNM001

F92ERLNSNSNM001

Part Number	Connector 1 Type	Connector 2 Type	Flammability Rating	Fiber Type	Fiber Count	Cable Color	IL Performance	Outer Diameter In. (mm)	Overall Length ft. (m)					
F923RANSNSNM001	SC Duplex APC	SC Duplex	Riser (OFNR)	OS2	2	Yellow	Standard	0.118 (3)	3.2 (1)					
F92ERANB1SNM001		LC Duplex APC						0.06 (1.6)						
F92ERB1LNSNM001	LC Duplex APC	LC Duplex												
F92ERB1SNSNM001		SC Duplex												
F92ERLNSNSNM001	LC Duplex			OM3		Aqua								
FX2ERLNSNSNM001				OM4										
FZ2ERLNSNSNM001														

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Opti-Core® LC Duplex Patch Cord

- Fiber optic patch cords and pigtailed provide interconnect and cross-connect of applications over installations in entrance facilities, telecommunications rooms, data centers and at the desk
- Patch cords support network applications in main, horizontal and equipment distribution areas and are available in riser (OFNR) or plenum (OFNP)
- Pre-terminated fiber optic pigtailed support fusion splice field termination applications. Fiber optic patch cords and pigtailed are available in OM3, OM4, OM4+ Signature Core, OM5 or OS2 fiber types
- Meets or exceeds ISO/IEC 11801, ANSI/TIA-568.3-D, IA/EIA-604 (FOCIS-3 and FOCIS-10)
- Restriction of Hazardous Substances (RoHS) Compliance: All patch cord components meet the requirements of Directive 2002/95/EC
- Colored patch cord with keyed connectors or non-keyed colored connectors available in plenum (OFNP) and OM4+ Signature Core or OS2 fiber types
- All patch cords available in lengths 1m – 50m



F92ERB1B1SNM001

F92ERLNLNSNM001

FW2ERLNLNNNM001

FX2ERLNLNSNM001

Part Number	Connector 1 Type	Connector 2 Type	Flammability Rating	Fiber Type	Fiber Count	Cable Color	IL Performance	Outer Diameter In. (mm)	Overall Length ft. (m)
F92ERB1B1SNM001	LC Duplex APC	LC Duplex APC	Riser (OFNR)	OS2	2	Yellow	Standard	0.06 (1.6)	3.2 (1)
F92ERLNLNSNM001	LC Duplex	LC Duplex		OM5		Lime	Ultra Low		
FW2ERLNLNNNM001				OM3		Aqua	Standard		
FX2ERLNLNSNM001				OM4					
FZ2ERLNLNSNM001									

Opti-Core® Fiber Optic Pigtail

- Offered in OS2 singlemode and OM3, OM4, OM5 multimode fiber types to support high-speed Ethernet and Fibre Channel networks
- 900-micron buffered fiber construction enables easy fusion splice termination to tight-buffered fiber cables
- Connector options include LC, LC/APC, SC, and SC/APC simplex types for versatile installation needs
- Low insertion loss: 0.35 dB max (multimode), 0.30 dB max (LC & SC APC OS2); high return loss: 26 dB min (OM3/OM4/OM5), 55 dB min (OS2), 65 dB min (OS2 LC & SC APC)
- Durable design rated for 500 mating cycles and cable retention of 50N at 0°C, 19.4N at 90°C
- Wide operating temperature range: -20°C to 70°C; storage/shipping: -40°C to 70°C
- Meets or exceeds ISO/IEC 11801, TIA/EIA-568-C.3, TIA-604-3 (FOCIS-3), TIA-604-10 (FOCIS-10), and RoHS compliance



F91BN1NNNSNM001

F91BN3NNNSNM001

F91BNANNSNM001

F91BNB1NNNSNM001

F91BN1NNNSZM001

Part Number	Connector 1 Type	Connector 2 Type	Fiber Type	Fiber Count	Cable Color	Outer Diameter In. (mm)	Overall Length ft. (m)
F91BN1NNNSNM001	LC Simplex	Unterminated	OS2	1	Blue	0.03 (0.9)	3.2 (1)
F91BN1NNNSNM002							6.5 (2)
F91BN1NNNSNM003	LC Simplex	Unterminated	OS2	1	Blue	0.03 (0.9)	9.84 (3)

Opti-Core® Fiber Optic Pigtail (continued)

Part Number	Connector 1 Type	Connector 2 Type	Fiber Type	Fiber Count	Cable Color	Outer Diameter In. (mm)	Overall Length ft. (m)
F91BN3NNNSNM001	SC Simplex	Unterminated	OS2	1	Yellow	0.03 (0.9)	3.2 (1)
F91BNANNNSNM001	SC Simplex APC				Aqua		
F91BNB1NNSNM001	LC Simplex APC			12	Yellow	0.01 (0.254)	
F9TBN1NNNSZM001	LC Simplex				None		
F9TCN5NNNSNM001	MPO-12 Female		OM3	1	Aqua	0.11 (3)	6.5 (2)
FX1BN1NNNSNM001	LC Simplex					0.06 (1.6)	
FX1BN3NNNSNM002	SC Simplex		12	0.03 (0.76)		3.2 (1)	
FXTBN1NNNSZM001	LC Simplex			0.03 (0.9)			
FZ1BN1NNNSNM001	LC Simplex		OM4	1			0.62 (1.6)
FZ1BN3NNNSNM001	SC Simplex						0.03 (0.76)
FZTBN1NNNSZM001	LC Simplex			12		0.03 (0.76)	
FZTCN7NNNONM001	PanMPO™-12 Female				None	0.01 (0.254)	

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Opti-Core® SC Duplex Patch Cord

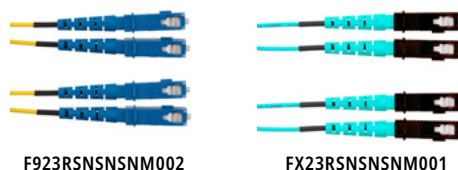
- Fiber optic patch cords and pigtails provide interconnect and cross-connect of applications over installations in entrance facilities, telecommunications rooms, data centers and at the desk
- Patch cords support network applications in main, horizontal and equipment distribution areas and are available in riser (OFNR) or plenum (OFNP)
- Pre-terminated fiber optic pigtails support fusion splice field termination applications. Fiber optic patch cords and pigtails are available in OM3, OM4, OM4+ Signature Core, OM5 or OS2 fiber types
- Meets or exceeds ISO/IEC 11801, ANSI/TIA-568.3-D, IA/EIA-604 (FOCIS-3 and FOCIS-10)
- Restriction of Hazardous Substances (RoHS) Compliance: All patch cord components meet the requirements of Directive 2002/95/EC
- Colored patch cord with keyed connectors or non-keyed colored connectors available in plenum (OFNP) and OM4+ Signature Core or OS2 fiber types
- All patch cords available in lengths 1m – 50m

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

Signs,
Labels
& ID



Part Number	Flammability Rating	Fiber Type	Fiber Count	Cable Color	IL Performance	Outer Diameter In. (mm)	Overall Length ft. (m)
F923RSNSNSNM002	Riser (OFNR)	OS2	2	Yellow	Standard	0.11 (3)	6.5 (2)
FX23RSNSNSNM001		OM3		Aqua			3.2 (1)
FZ23RSNSNSNM001		OM4				0.62 (1.6)	

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index

Opti-Core® SC-APC Duplex Patch Cord

- Fiber optic patch cords and pigtailed provide interconnect and cross-connect of applications over installations in entrance facilities, telecommunications rooms, data centers and at the desk
- Patch cords support network applications in main, horizontal and equipment distribution areas and are available in riser (OFNR) or plenum (OFNP)
- Pre-terminated fiber optic pigtailed support fusion splice field termination applications. Fiber optic patch cords and pigtailed are available in OM3, OM4, OM4+ Signature Core, OM5 or OS2 fiber types
- Meets or exceeds ISO/IEC 11801, ANSI/TIA-568.3-D, IA/EIA-604 (FOCIS-3 and FOCIS-10)
- Restriction of Hazardous Substances (RoHS) Compliance: All patch cord components meet the requirements of Directive 2002/95/EC
- Colored patch cord with keyed connectors or non-keyed colored connectors available in plenum (OFNP) and OM4+ Signature Core or OS2 fiber types
- All patch cords available in lengths 1m – 50m



F923RANANSNM001

Part Number	Flammability Rating	Fiber Type	Fiber Count	Cable Color	IL Performance	Outer Diameter In. (mm)	Overall Length ft. (m)
F923RANANSNM001	Riser (OFNR)	OS2	2	Yellow	Standard	0.11 (3)	3.2 (1)

HD Flex™ MPO Fiber Adapter Panel

- High-density fiber adapter panel for use with Opticom® Rack-Mount Patch Panels and enclosures
- Four LC duplex adapters support up to eight fiber connections within a single panel slot
- Front-loading design supports installation and integration within Opticom® Fiber Systems



FHMP-4-ABL



FHMP-4-ARD



FHMP-4-BCG



FHMP-6-ABL



FHMP-6-ARD

Part Number	Material	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FHMP-4-ABL	Plastic	2.61 (66.2)	0.46 (11.7)	7.17 (182.1)	Black
FHMP-4-ARD					Red
FHMP-4-BCG					Charcoal Gray
FHMP-6-ABL	Zirconia Ceramic	3.46 (88)	0.47 (12)	7.17 (182)	Black
FHMP-6-ARD	Plastic		0.46 (12)	7.2 (182)	
FHMP-6-BCG					

HD Flex™ Breakout Fiber Optic Cassette

- Compatible with HD Flex™ Rack Mount Enclosures, Panels, and 0RU Brackets
- LC adapters include integral shutters for dust protection and VFL light identification
- Low insertion loss of 0.5 dB per optimized cassette, 0.35 dB for ultra cassette, and 0.75 dB for standard singlemode cassette
- Return loss >26 dB (multimode) and >55 dB (singlemode)
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color identification scheme
- Cassettes accessible from the front or back to streamline installation and migration from 10G to 40G/100G and beyond
- Performance test data provided with each cassette
- Lifetime traceability of test data to QC numbers on each fiber cassette
- 4-to-1 conversion cassettes split MPO parallel optics signals into 4 discrete channels on duplex LCs - 40G MPO to (4) 10G LC, and 100G MPO to (4) 25G LC



FHC9N-12-10AF



FHC9N-12-10AS



FHC9N-16-C2U



FHC9N-16F-C2U

Part Number	Fiber Type	Fiber Count	Connector 1 Type	Number of Connector 1 Ports	Connector 2 Type	Number of Connector 2 Ports	Adapter Color	Minimum Connector Return Loss (dB)	Maximum Connector Insertion Loss (dB)
FHC9N-12-10AF	OS2	12	LC Duplex	6	MPO-12 Male	1	Blue	55	0.75
FHC9N-12-10AS									
FHC9N-12-10U									
FHC9N-16-C2U		16	MPO-12 Male	8	Unterminated	2			1
FHC9N-16F-C2U			MPO-24 Male			1			
FHC9N-24-10AF		24	LC Duplex	12	MPO-12 Male	2			0.75
FHC9N-24-10AS									
FHC9N-24-10U		36	CS Duplex	18	Unterminated	3	1		
FHC9N-36-C3U									
FHC9N-36-C3U									
FHC9N-36-C3U	OM4+	12		6		1	Aqua	26	0.35
FHC9N-36-C3U		24		12		2			
FHC9N-36-C3U	OM5	12		6		1	Lime		0.35
FHC9N-36-C3U		24		12		2			
FHC9N-36-C3U	OM3	12	LC Duplex	6	MPO-12 Male	1		26	0.5
FHC9N-36-C3U		24		12		2			
FHC9N-36-C3U	OM4	12		6		1	Aqua	26	0.35
FHC9N-36-C3U									
FHC9N-36-C3U									
FHC9N-36-C3U									
FHC9N-36-C3U									
FHC9N-36-C3U									
FHC9N-36-C3U		16	CS Duplex	8	Unterminated	2			1
FHC9N-36-C3U			MPO-24 Male			1			
FHC9N-36-C3U	OM4	24	LC Duplex	12	MPO-12 Male	2	Aqua	26	0.5
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24		12		2		26	0.5
FHC9N-36-C3U									
FHC9N-36-C3U	OM4	24							

HD Flex™ Breakout Fiber Optic Cassette (continued)

Part Number	Fiber Type	Fiber Count	Connector 1 Type	Number of Connector 1 Ports	Connector 2 Type	Number of Connector 2 Ports	Adapter Color	Minimum Connector Return Loss (dB)	Maximum Connector Insertion Loss (dB)
FHCZO-24-10U	OM4	24	LC Duplex	12	MPO-12 Male	2	Aqua	26	0.5
FHCZO-36-C3U		36	CS Duplex	18	Unterminated	3			

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

HD Flex™ Base-8 Breakout Cassette

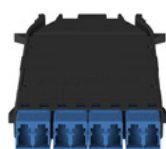
- Compatible with HD Flex™ Rack Mount Enclosures, Panels, and ORU Brackets
- LC adapters include integral shutters for dust protection and VFL light identification
- Low insertion loss of 0.5 dB per optimized cassette, 0.35 dB for ultra cassette, and 0.75 dB for standard singlemode cassette
- Return loss >26 dB (multimode) and >55 dB (singlemode)
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color identification scheme
- Cassettes accessible from the front or back to streamline installation and migration from 10G to 40G/100G and beyond
- Performance test data provided with each cassette
- Lifetime traceability of test data to QC numbers on each fiber cassette
- 4- to-1 conversion cassettes split MPO parallel optics signals into 4 discrete channels on duplex LCs - 40G MPO to (4) 10G LC, and 100G MPO to (4) 25G LC

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware



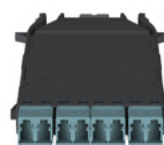
FHC39N-08H-10A



FHC39N-24H-10A



FHC3XO-24H-10B



FHC3ZA-08H-10B



FHC3ZO-08H-10U

Part Number	Fiber Type	Fiber Count	Connector 1 Type	Number of Connector 1 Ports	Connector 2 Type	Number of Connector 2 Ports	Adapter Color	IL Performance	Polarity
FHC39N-08H-10A	OS2	8	LC Duplex	4	MPO-8 Male	1	Blue	Standard	Method A
FHC39N-08H-10U									Universal
FHC39N-08H-10U2									Universal-2
FHC39N-24H-10A		24		12		3			Method A
FHC39N-24H-10U									Universal
FHC39N-24H-10U2									Universal-2
FHC3XO-08H-10B	OM3	8		4		1	Aqua	Optimized	Method B1
FHC3XO-24H-10B		24		12		3			
FHC3ZA-08H-10B	OM4	8		4		1		Ultra Low	
FHC3ZA-24H-10B		24		12		3			
FHC3ZO-08H-10U		8		4		1		Optimized	Universal
FHC3ZO-08H-10U2									Universal-2
FHC3ZO-24H-10U									Universal
FHC3ZO-24H-10U2	Universal-2								

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

HD Flex™ Splice Fiber Optic Cassette

- Compatible with HD Flex™ Rack Mount Enclosures, Panels, and 0RU Brackets
- LC adapters include integral shutters for dust protection and VFL light identification
- Low insertion loss of 0.5 dB per optimized cassette, 0.35 dB for ultra cassette, and 0.75 dB for standard singlemode cassette
- Return loss >26 dB (multimode) and >55 dB (singlemode)
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color identification scheme
- Cassettes accessible from the front or back to streamline installation and migration from 10G to 40G/100G and beyond
- Performance test data provided with each cassette
- Lifetime traceability of test data to QC numbers on each fiber cassette
- 4-to-1 conversion cassettes split MPO parallel optics signals into 4 discrete channels on duplex LCs - 40G MPO to (4) 10G LC, and 100G MPO to (4) 25G LC

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

Signs,
Labels
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FHS9N-12-10N



FHSXN-12-10N



FHSZO-12-10P



FHSZO-12-10R

Part Number	Fiber Type	Fiber Count	Connector 1 Type	Number of Connector 1 Ports	Minimum Connector Return Loss (dB)	Maximum Connector Insertion Loss (dB)	Fusion Splice Ready
FHS9N-12-10N	OS2	12	LC Duplex	6	55	6	–
FHS9N-12-10P						0.35	Yes
FHS9N-12-10R							
FHSXN-12-10N	OM3	12	LC Duplex	6	26	6	–
FHSZO-12-10P	OM4					0.15	Yes
FHSZO-12-10R							

HD Flex™ Base-8 to Base-12 Conversion Cassette

- Compatible with HD Flex™ Rack Mount Enclosures, Panels, and 0RU Brackets
- LC adapters include integral shutters for dust protection and VFL light identification
- Low insertion loss of 0.5 dB per optimized cassette, 0.35 dB for ultra cassette, and 0.75 dB for standard singlemode cassette
- Return loss >26 dB (multimode) and >55 dB (singlemode)
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color identification scheme
- Cassettes accessible from the front or back to streamline installation and migration from 10G to 40G/100G and beyond
- Performance test data provided with each cassette
- Lifetime traceability of test data to QC numbers on each fiber cassette
- 4-to-1 conversion cassettes split MPO parallel optics signals into 4 discrete channels on duplex LCs - 40G MPO to (4) 10G LC, and 100G MPO to (4) 25G LC



FH4ZU-24-NMNMB



FH4ZU-48-NMNMA

Part Number	Fiber Type	Fiber Count	Fiber Diameter (µm)	Connector 1 Type	Number of Connector 1 Ports	Connector 2 Type	Number of Connector 2 Ports	Minimum Connector Return Loss (dB)	Maximum Connector Insertion Loss (dB)	IL Performance
FH4ZU-24-NMNMA	OM4	24	50	MPO-8 Male	3	MPO-12 Male	2	30	0.5	Ultra Low

HD Flex™ Base-8 to Base-12 Conversion Cassette (continued)

Part Number	Fiber Type	Fiber Count	Fiber Diameter (µm)	Connector 1 Type	Number of Connector 1 Ports	Connector 2 Type	Number of Connector 2 Ports	Minimum Connector Return Loss (dB)	Maximum Connector Insertion Loss (dB)	IL Performance
FH4ZU-24-NMNM	OM4	24	50	MPO-8 Male	3	MPO-12 Male	2	30	0.5	Ultra Low
FH4ZU-48-NMNM		48			6		4			

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HD Flex™ PON Splitter Fiber Optic Cassette

- Compatible with HD Flex™ Rack Mount Enclosures, Panels, and ORU Brackets
- LC adapters include integral shutters for dust protection and VFL light identification
- Low insertion loss of 0.5 dB per optimized cassette, 0.35 dB for ultra cassette, and 0.75 dB for standard singlemode cassette
- Return loss >26 dB (multimode) and >55 dB (singlemode)
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color identification scheme
- Cassettes accessible from the front or back to streamline installation and migration from 10G to 40G/100G and beyond
- Performance test data provided with each cassette
- Lifetime traceability of test data to QC numbers on each fiber cassette
- 4-to-1 conversion cassettes split MPO parallel optics signals into 4 discrete channels on duplex LCs - 40G MPO to (4) 10G LC, and 100G MPO to (4) 25G LC

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FHP9N-LA1X02

FHP9N-LA1X04

FHP9N-LA1X08

FHP9N-LA1X16

Part Number	Fiber Type	Fiber Count	Fiber Diameter (µm)	Connector 1 Type	Number of Connector 1 Ports	Connector 2 Type	Number of Connector 2 Ports	Adapter Color	Minimum Connector Return Loss (dB)	Maximum Connector Insertion Loss (dB)
FHP9N-LA1X02	OS2	2	9	LC Duplex	1	LC Duplex	1	APC Green	55	4.2
FHP9N-LA1X04		4					2			8
FHP9N-LA1X08		8					4			11.5
FHP9N-LA1X16		16					8			14.7

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HD Flex™ Fiber Enclosure

- Enclosures and panels support 144-fibers with LC connectors and 864-fiber with MPO-12 connectors per RU
- Enclosure drawers slide to two locked positions for easy moves, adds, and changes from the front or rear of the enclosure
- Enclosure split tray design allows half of the tray to operate independently, eliminating unnecessary fiber movement on the other half of the tray
- Panels are fixed tray design, light weight, and shallow depth is ideal for high density cabinets or overhead installation
- 4-, 6-, and/or 12-port enclosures and panels ship pre-configured to house 4-, 6-, and 12-port cassettes, respectively
- Enclosures and panels can be configured in the field to support 4-, 6-, and/or 12-port cassettes by adding/ removing divider rails
- ORU brackets secure HD Flex™ Cassettes or FAPs to vertical rails, saving valuable RU space

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FLEX1U04

FLEX1U06

FLEX2U04

FLEX2U12

FLEX4U04

Part Number	Number of Rack Units	Number of Openings	Maximum Compatible Number of Fibers	Color
FLEX1U04	1	18	144	Black
FLEX1U06		12		
FLEX1U12		6		
FLEX2U04	2	36	288	
FLEX2U06		24		
FLEX2U12		12		
FLEX4U04	4	72	576	
FLEX4U06		48		
FLEX4U12		24		

HD Flex™ Blanking Panel

- Streamlines airflow and prevents dust buildup in high-density data center racks.
- Blank panel fills openings not populated with cassettes for improved air sealing from the front to back of the enclosure



FHSBBL06W



FHSBBL12W

Part Number	Number of Ports	Material
FHSBBL06W	6	Plastic
FHSBBL12W	12	

HD Flex™ Cassette Bracket

- Enables installation of one HD Flex cassette or HD Flex fiber adapter panel in any single opening of a QuickNet SFQ series panel or enclosure, allowing for flexible expansion and configuration
- Adjustable mounting brackets are designed to fit a maximum 1RU height (1.75"), ensuring compatibility with standard rack units and streamlined integration
- Features along the side surface allow secure attachment of HD Flex cable transition clips, cable management clips (compatible with 0.25" diameter holes), or TAK-TY hook-and-loop fasteners for organized cabling
- Constructed for durability and ease of use, the bracket supports both top and bottom flange cable securing, helping maintain optimal cable management in high-density fiber optic environments

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FLEX-OPTI-1RU

Part Number	Material	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FLEX-OPTI-1RU	Steel	4.28 (108.7)	1.31 (33.4)	5.65 (143.4)	Black

HD Flex™ Enclosure Slack Plate

- Mounts tool-free to the rear of HD Flex™ enclosures, providing organized slack management for fiber trunk cables.
- Quick-release divider wall prevents cable tangling and enables efficient separation and routing of multiple fiber bundles



FLEX-PLATE1U

FLEX-PLATE2U

FLEX-PLATE4U

Part Number	Number of Rack Units	Material	Overall Depth In. (mm)	Overall Width In. (mm)	Color
 FLEX-PLATE1U	1	Steel	8.88 (225.5)	17.59 (446.8)	Black
FLEX-PLATE2U	2				
FLEX-PLATE4U	4				

HD Flex™ Enclosure Slack Plate with Rear Cover



FLEX-PLATE1UR

FLEX-PLATE2UR

FLEX-PLATE4UR

Part Number	Number of Rack Units	Material	Overall Width In. (mm)	Overall Depth In. (mm)	Color
FLEX-PLATE1UR	1	Steel	17.59 (446.8)	8.88 (225.5)	Black
FLEX-PLATE2UR	2				
FLEX-PLATE4UR	4				

HD Flex™ Fiber Panel

- Enclosures and panels support 144-fibers with LC connectors and 864-fiber with MPO-12 connectors per RU
- Enclosure drawers slide to two locked positions for easy moves, adds, and changes from the front or rear of the enclosure
- Enclosure split tray design allows half of the tray to operate independently, eliminating unnecessary fiber movement on the other half of the tray
- Panels are fixed tray design, light weight, and shallow depth is ideal for high density cabinets or overhead installation
- 4-, 6-, and/or 12-port enclosures and panels ship pre-configured to house 4-, 6-, and 12-port cassettes, respectively
- Enclosures and panels can be configured in the field to support 4-, 6-, and/or 12-port cassettes by adding/ removing divider rails
- ORU brackets secure HD Flex™ Cassettes or FAPs to vertical rails, saving valuable RU space

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FLEX1UPN04

FLEX1UPN06

FLEX1UPN12

FLEX2UPN04

FLEX2UPN06

Part Number	Number of Ports	Number of Rack Units	Material	Mount Method	Resistance Properties	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FLEX1UPN04	4	1	Metal	DIN Rail	Flame-Resistant	19 (483)	1.72 (43.7)	7.5 (190.6)	Black
FLEX1UPN06	6								
FLEX1UPN12	12								
FLEX2UPN04	4	2					3.47 (88.1)		
FLEX2UPN06	6								
FLEX2UPN12	12								
FLEX4UPN04	4	4					6.97 (177)	7.5 (190.5)	
FLEX4UPN06	6	4	Metal	DIN Rail	Flame-Resistant	19 (483)	6.97 (177)	7.5 (190.5)	Black
FLEX4UPN12	12	4	Metal	DIN Rail	Flame-Resistant	19 (483)	6.97 (177)	7.5 (190.5)	Black

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HD Flex™ Patch Panel Slack Plate with Rear Cover

- Designed for HD Flex™ Patch Panels, providing organized rear trunk cable management
- Features a quick-release divider wall to prevent furcation tangling and enable efficient cable separation
- Mounts tool-free to the rear of HD Flex™ Patch Panels, streamlining installation and maintenance

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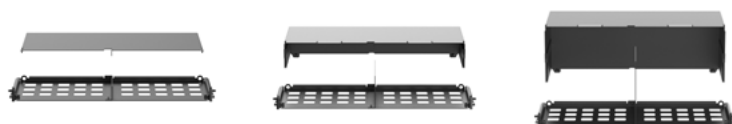
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FLEX-PLATE1UPR

FLEX-PLATE2UPR

FLEX-PLATE4UPR

Part Number	Number of Rack Units	Material	Overall Width In. (mm)	Overall Depth In. (mm)	Color
FLEX-PLATE1UPR	1	Steel	17.59 (446.8)	8.88 (225.5)	Black
FLEX-PLATE2UPR	2				
FLEX-PLATE4UPR	4				

HD Flex™ Front Cable Manager

- Delivers easy organization and precise control of fiber optic connections for front enclosures.
- Meets the material restrictions of rohs (european directive 2011/65/ec on the restriction of hazardous substances)
- Accommodates up to 4 rack units, providing organized front cable management for high-density fiber optic installations



FLEX-FCM1UA

FLEX-FCM2UA

FLEX-FCM4UA

Part Number	Number of Rack Units	Material	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FLEX-FCM1UA	1	Steel	20.14 (511.6)	1.72 (43.7)	5.18 (131.6)	Black
FLEX-FCM2UA	2		20.14 (511.7)	3.45 (87.6)	5.36 (136.1)	
FLEX-FCM4UA	4		20.14 (511.6)	6.81 (172.9)		



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HD Flex™ Trunk Transition Clip

- Designed to secure and organize up to 18 fiber trunk cables, supporting high-density cable management in HD Flex enclosures
- Features a snap-in design for quick installation and removal, streamlining moves, adds, and changes in network racks
- Maintains proper cable separation and bend radius, helping to preserve signal integrity and reduce the risk of physical damage
- Compatible with HD Flex™ enclosures and cable managers, ensuring seamless integration into existing fiber optic infrastructure



FLEX-CLIP12

Part Number	Number of Positions	Material	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FLEX-CLIP12	12	Plastic	2.9 (74)	1.73 (44)	0.84 (21.2)	Black

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HD Flex™ Universal Cable Management Bracket

- Mounts to standard EIA/CEA 19" wide racks or cabinets with 12-24 or M6 screws provided
- Includes adjustable mounting brackets and contains features along the side surface to secure HD Flex™ cable transition clips, cable management clips or TAK-TY hook-n-loop across the top and bottom flanges to secure cabling.
- Conforms to CEA-310-E industry standard for cabinet and rack mounting
- The adjustable mounting rails make the solutions universal for deployment with various cabinet or 4-post rack configuration depths up to 37.75"



FLEX-CM-1UB

Part Number	Material	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FLEX-CM-1UB	Steel	0.61 (15.5)	1.74 (44.2)	19.38 (492.2)	Black

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HD Flex™ Universal Cable Management Bracket Kit

- The bracket kit mounts to standard EIA/CEA 19" racks or cabinets using included 12-24 or M6 screws
- Adjustable mounting rails support cabinet or rack depths from 19.38" to 37.75" for universal deployment
- Kit is made from 0.06" thick steel with a durable black powder coat finish and is RoHS compliant
- Fits in a 1RU space (1.75" height) and guides fiber optic or copper cabling along the sides of racks or cabinets
- FLEX-CM-1UBKIT supports up to 504 cable transitions
- Cable transitions are secured using FLEX-CLIP-12, FLEX-CLIP-18, TAK-TY hook-n-loop, or Panduit cable management clips



FLEX-CM-1UBKIT

Part Number	Material	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FLEX-CM-1UBKIT	Steel	19 (482.6)	1.74 (44.2)	19.38 (492.2)	Black

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HD Flex™ Universal Rear Cable Manager

- Accommodates up to 18 cable positions, providing high-capacity rear cable management for HD Flex fiber optic installations
- Designed for compatibility with HD Flex™ Enclosures, ensuring seamless integration and organized cable routing in network racks
- Helps maintain proper bend radius and separation for patch cords and trunk cables, supporting optimal signal integrity and network reliability
- Durable construction offers long-lasting support and protection for cables, reducing the risk of physical damage and simplifying maintenance
- Streamlines cable organization at the rear of enclosures, making moves, adds, and changes more efficient in high-density environments



FLEX-CM12S

Part Number	Number of Positions	Material	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FLEX-CM12S	12	Steel	6.14 (156)	3.4 (86.4)	0.75 (19)	Black

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OmniSplice™ Fusion Splice LC Fiber Optic Connector

- TIA/EIA-604 and FOCIS-10 (LC) compliant connectors
- Exceed ANSI/TIA-568.3-E requirements
- Connector boot colors follow ANSI/TIA-568.3-E suggested color identification scheme
- Insertion loss: Singlemode is 0.15 dB average, 0.30 dB maximum
- Multimode is 0.10 dB average, 0.25 dB maximum
- Return loss: Singlemode is > 55 dB (UPC) or > 65 dB (APC)
- Multimode is > 30 dB (PC)
- Quick installation
- FSOCHOLDER (Included with each pack of 12 connectors) compatible with active alignment machines from Sumitomo, AFL/Fujikura, Fiber Fox, and Swift



FSOCLC9

FSOCLCA

FSOCLCX

Part Number	Fiber Type	Fiber Diameter (μm)	Color	Body Style	Polish Type
FSOCLC9	OS2	9	Blue	Simplex	Pre-Polished
FSOCLCA			Green		
FSOCLCX	OM3/OM4/OM5	50	Black		

OmniSplice™ Fusion Splice SC Fiber Optic Connector

- TIA/EIA-604 FOCIS-3 (SC) compliant connectors
- Exceed ANSI/TIA-568.3-E requirements
- Connector boot colors follow ANSI/TIA-568.3-E suggested color identification scheme
- Insertion loss: Singlemode is 0.15 dB average, 0.30 dB maximum
- Multimode is 0.10 dB average, 0.25 dB maximum
- Return loss: Singlemode is > 55 dB (UPC) or > 65 dB (APC)
- Multimode is > 30 dB (PC)
- Quick installation
- FSOCHOLDER (Included with each pack of 12 connectors) compatible with active alignment machines from Sumitomo, AFL/Fujikura, Fiber Fox, and Swift



FSOCS9

FSOCSA

FSOCSX

Part Number	Fiber Type	Fiber Diameter (μm)	Color	Body Style	Polish Type
FSOCS9	OS2	9	Blue	Simplex	Pre-Polished
FSOCSA			Green		
FSOCSX	OM3/OM4/OM5	50	Black		

HD Flex™ Zero RU Cassette Holder and Bracket

- Enclosures and panels support 144-fibers with LC connectors and 864-fiber with MPO-12 connectors per RU
- Enclosure drawers slide to two locked positions for easy moves, adds, and changes from the front or rear of the enclosure
- Enclosure split tray design allows half of the tray to operate independently, eliminating unnecessary fiber movement on the other half of the tray
- Panels are fixed tray design, light weight, and shallow depth is ideal for high density cabinets or overhead installation
- 4-, 6-, and/or 12-port enclosures and panels ship pre-configured to house 4-, 6-, and 12-port cassettes, respectively
- Enclosures and panels can be configured in the field to support 4-, 6-, and/or 12-port cassettes by adding/ removing divider rails
- 0RU brackets secure HD Flex™ Cassettes or FAPs to vertical rails, saving valuable RU space



FLEX-0RUBR06

Part Number	Number of Ports	Material	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FLEX-0RUBR06	6	Steel	11.25 (285.8)	0.7 (17.8)	6.39 (162.3)	Black

HD Fusion Fiber Splice Tray

- Provides organized and secure management for up to 48 fusion spliced single fibers, supporting high-density splicing applications in HD Fusion wall mount enclosures
- Designed for compatibility with HD Fusion enclosures, ensuring easy integration and reliable performance in fiber optic networks



FST144R



FST48

Part Number	Material	Product Type	Splice Capacity (Single Fusion)	Splice Capacity (Ribbon)	Color
FST144R	Metal	Fiber Stacking Holder	–	144	Black
FST48	Aluminum	Fiber Splice Tray Kit	48	–	

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LC Duplex Fiber Adapter

- TIA/EIA-604 FOCIS-10 compatible adapters
- Exceed ANSI/TIA-568.3-D requirements
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color identification scheme
- Accept FOCIS-10 compatible LC connectors
- -L indicates bulk packaged with 50 pieces per pack to reduce single-use plastic



FADSLCZAQ-L



FADSLCZBU-L

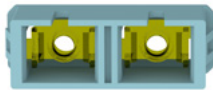
Part Number	Connection Type	Split Sleeve Material	Adapter Color	Module Color
FADSLCZAQ-L	LC Duplex	Zirconia Ceramic	Aqua	Aqua
FADSLCZBU-L			Blue	Blue

SC Duplex Fiber Adapter

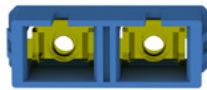
- TIA/EIA-604 FOCIS-10 compatible adapters
- Exceed ANSI/TIA-568.3-D requirements
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color identification scheme
- Accept FOCIS-10 compatible LC connectors
- -L indicates bulk packaged with 50 pieces per pack to reduce single-use plastic



FADSCZAG-L



FADSCZAQ-L



FADSCZBU-L

Part Number	Connection Type	Split Sleeve Material	Adapter Color	Module Color
FADSCZAG-L	SC Duplex	Zirconia Ceramic	APC Green	APC Green
FADSCZAQ-L			Aqua	Aqua
FADSCZBU-L			Blue	Blue



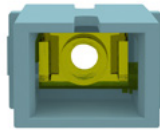
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SC Simplex Fiber Adapter

- TIA/EIA-604 FOCIS-10 compatible adapters
- Exceed ANSI/TIA-568.3-D requirements
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color identification scheme
- Accept FOCIS-10 compatible LC connectors
- -L indicates bulk packaged with 50 pieces per pack to reduce single-use plastic



FASSCZAG-L



FASSCZAQ-L



FASSCZBU-L

Part Number	Connection Type	Split Sleeve Material	Adapter Color	Module Color
FASSCZAG-L	SC Simplex	Zirconia Ceramic	APC Green	APC Green
FASSCZAQ-L			Aqua	Aqua
FASSCZBU-L			Blue	Blue

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Mini-Com® LC Duplex Keyed Fiber Adapter Module

- TIA/EIA-604 FOCIS-10 and FOCIS-3 compatible adapters
- Exceed ANSI/TIA-568.3-D requirements
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color identification scheme
- Small form factor (SFF) duplex adapter design fits into single module space
- Compatible with Mini-Com® Products for complete modularity
- Accept FOCIS-10 compatible LC connectors and FOCIS-3 compatible SC connectors
- Keyed adapters are part of a keyed cabling systems that provides an additional layer of physical security, mating only with matching keyed components



CMDABLLCZBL

Part Number	Connection Type	Split Sleeve Material	Adapter Color	Module Color
CMDABLLCZBL	Keyed LC Duplex	Zirconia Ceramic	Black	Black
CMDBRDLCZBL			Red	
CMDCGRLCZBL			Green	
CMDDYLLCZBL			Yellow	
CMDEORLCZBL			Orange	
CMDFDLCZBL			Dark Blue	
CMDGVLLCZBL			Violet	
CMDHAQLCZBL			Aqua	
CMDJROLCZBL			Rose	
CMDKIGLCZBL			International Gray	
CMDLLBLCZBL			Light Brown	
CMDPWTLCZBL			White	

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Mini-Com® LC Duplex Fiber Adapter Module

- TIA/EIA-604 FOCIS-10 compatible; exceeds TIA/EIA-568-B.3 requirements for multimode and singlemode fiber links
- Duplex LC design supports two LC connector pairs in a single module space for higher port density
- Zirconia ceramic split sleeve delivers 0.1 dB average insertion loss and stable optical alignment
- Integrated panel retention clips auto-adjust to compliant panel thicknesses; eliminates loose or damaged metal clips
- Short flange construction supports modular, high-density installations in Mini-Com® outlets, boxes, and patch panels
- Available in keyed and non-keyed configurations with multiple colors for network segregation and controlled mating



CMDSAQLCZBL

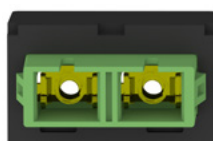


CMDSLCZEI

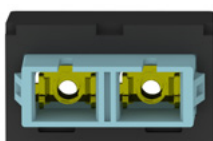
Part Number	Connection Type	Split Sleeve Material	Adapter Color	Module Color
★ CMDSAQLCZBL	LC Duplex	Zirconia Ceramic	Aqua	Black
CMDSLCZEI			Blue	Electric Ivory

Mini-Com® SC Duplex Fiber Adapter Module

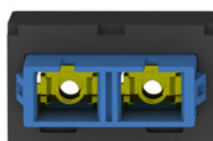
- TIA/EIA-604 FOCIS-3 compliant; exceeds TIA/EIA-568-B.3 requirements for multimode and singlemode fiber applications
- Integrated panel retention clips auto-adjust to compliant panel thicknesses; eliminates bent or lost metal clips
- Zirconia ceramic or phosphor bronze split sleeve options support network-specific performance requirements
- Low insertion loss rated at 0.1 dB multimode and 0.15 dB singlemode with return loss supporting SPC, UPC, and APC polishes
- Compatible with Mini-Com® Products for complete modularity
- Available in simplex or duplex, Mini-Com® modules, adapter panels, and multiple colors for density, compatibility, and network identification



CMDAGSCZBL



CMDAQSCZBL



CMDBUSCZBL

Part Number	Connection Type	Fiber Type	Split Sleeve Material	Adapter Color	Module Color
CMDAGSCZBL	SC Duplex	—	Zirconia Ceramic	Aqua	Black
CMDAQSCZBL		OM3			
CMDBUSCZBL		OS2		Blue	

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Mini-Com® SC Simplex Fiber Adapter Module

- TIA/EIA-604 FOCIS-3 compliant; exceeds TIA/EIA-568-B.3 requirements for multimode and singlemode fiber applications
- Simplex SC design connects one SC connector pair in a single module space for efficient port utilization
- Integrated panel retention clips auto-adjust to compliant panel thicknesses; eliminates bent or lost metal clips
- Split sleeve options include phosphor bronze for multimode and zirconia ceramic for singlemode and APC applications
- Low insertion loss rated at 0.1 dB multimode and 0.15 dB singlemode with return loss supporting SPC, UPC, and APC polishes
- Available in Mini-Com® modules with multiple colors to support network identification and system consistency



CMSAGSCZBL



CMSAQSCZBL



CMSBUSCZBL

Part Number	Connection Type	Fiber Type	Split Sleeve Material	Adapter Color	Module Color
CMSAGSCZBL	SC Simplex	OS2	Zirconia Ceramic	APC Green	Black
CMSAQSCZBL		OM4		Aqua	
CMSBUSCZBL		OS2		Blue	

Opticom® Fiber Adapter Panel

- Populated with TIA/EIA-604 FOCIS-10 or TIA/EIA-604 FOCIS-3 compatible adapters
- Exceed ANSI/TIA-568.3-D requirements
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color identification scheme
- Snap quickly into the front of all Opticom® Components



FAP12WAGDLCZ



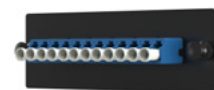
FAP12WAGSCZ



FAP12WAQDLCZ



FAP12WBUDLCZ



FAP12WBULCZ

Part Number	Number of Ports	Connection Type	Fiber Count	Material	Fusion Splice Ready	Adapter Color	Color
FAP12WAGDLCZ	12	LC Duplex	24	Zirconia Ceramic	No	Green	Black
FAP12WAGSCZ		SC Simplex				Aqua	
FAP12WAQDLCZ		LC Duplex				Blue	
FAP12WBUDLCZ		LC Simplex			Yes	APC Green	
FAP12WBULCZ		SC Simplex				Aqua	
FAP12WBUSCZ	SC Duplex APC	Blue					
FAP3WAGDSCZ	3	SC Duplex	6	Plastic	No	APC Green	
FAP3WAQDSCZ		SC Duplex				Aqua	
FAP3WBUDSCZ		SC Duplex				Blue	
FAP6WAGDLCZ	6	LC Duplex APC	12	Zirconia Ceramic		No	APC Green
FAP6WAGDSCZ		SC Duplex APC					Aqua
FAP6WAQDLCZ		LC Duplex					Blue
FAP6WAQDSCZ		SC Duplex					APC Green
FAP6WBUDLCZ	6	LC Duplex	12	Zirconia Ceramic	No	Blue	Black

Opticom® Fiber Adapter Panel (continued)

Part Number	Number of Ports	Connection Type	Fiber Count	Material	Fusion Splice Ready	Adapter Color	Color
FAP6WBUDSCZ	6	SC Duplex	12	Zirconia Ceramic	No	Blue	Black
FAP8WAQDLCZ	8	LC Duplex	16			Aqua	
FAP8WBUDLCZ						Blue	

Cabinets,
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Opticom® MPO Fiber Optic Adapter Panel

- Populated with TIA/EIA-604 FOCIS-5 compliant adapters
- Exceed ANSI/TIA-568.3-D requirements
- Designed for multimode or singlemode MPO connectors, patch cords, or cable assemblies
- Snap quickly into the front of all Opticom® QuickNet™ Components
- Can be used with Opticom® ORU Cable Management Solutions and QuickNet™ Harness Cable Assemblies to facilitate connection to the active equipment
- Horizontal orientation

Copper
Systems

Fiber Optic
Systems



FAPH0412BLMPO



FAPH0412CGMPO



FAPH0424RDMPO



FAPH0612BLMPO



FAPH0612CGMPO

Grounding
& Bonding

Part Number	Connection Type	Number of Ports	Adapter Color	Color	Polarity
FAPH0412BLMPO	MPO	4	Black	Black	Method A
FAPH0412CGMPO			Charcoal Gray		Method B
FAPH0424RDMPO			Red		Method A
FAPH0612BLMPO	MPO	6	Black		Method A
FAPH0612CGMPO			Charcoal Gray		Method B
FAPH0624RDMPO			Red		Method A
FAPH0812BLMPO	MPO	8	Black		Method A
FAPH0812CGMPO			Charcoal Gray		Method B
FAPH0824RDMPO			Red		Method A
FAPH1212BLMPO	MPO	12	Black		Method A
FAPH1212CGMPO			Charcoal Gray		Method B
FAPH1224RDMPO			Red		Method A

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Opticom® Fiber Adapter Panel Blank

- Compatible with Opticom® Rack Mount Patch Panels and Wall Mount Enclosures
- Snaps securely into the front of Opticom® Patch Panels, Enclosures, and Fiber Adapter panel slots for easy system expansion
- Meets TIA/EIA-568-C.3 and RoHS compliance standards.



FAPB

Part Number	Application	Material	Color
FAPB	Blank Fiber Adapter Panel for OptiCom Patch Panels and Enclosures	Plastic	Black

Opticom® Front Access Base-8 Breakout Cassette

- Pre-terminated and tested MPO and LC adapters enable quick, easy deployment in server rack applications, especially where rear cassette access is challenging
- 4-to-1 conversion cassettes break out an 8-fiber MPO into four discrete channels using duplex LC connectors, supporting both multimode (OM4) and singlemode (OS1/OS2) fiber types
- Available with ultra low (0.35dB max), optimized (0.5dB max), or standard (0.75dB max) channel insertion loss for flexible performance requirements
- Operating temperature range from 0°C to 70°C (32°F to 158°F); storage and shipping from -40°C to 75°C (-40°F to 167°F)



FCF39N-16-10U

Part Number	Fiber Type	Fiber Count	Connector 1 Type	Number of Connector 1 Ports	Connector 2 Type	Number of Connector 2 Ports	Maximum Connector Insertion Loss (dB)
FCF39N-16-10U	OS2	16	LC Duplex	8	MPO-12 Male	2	0.75
FCF39N-16-10U2	OM4						0.5
FCF3Z0-16-10U	OS2	16	LC Duplex	8	MPO-12 Male	2	0.75
FCF3Z0-16-10U2	OM4						0.5

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Opticom® Base-8 Breakout Cassette

- Compatible with Opticom® Rack Mount Cassette Enclosures, Wall Mount Enclosure, Fiber Trays, and Adapter Patch Panels
- Supports up to 96 LC fiber connections per rack unit
- Low insertion loss of 0.75 dB for standard cassette, 0.5 dB for optimized cassette, and 0.35 dB for ultra cassette
- Return loss >26 dB (multimode) and >55 dB (singlemode)
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color scheme
- Factory terminated, assembled, and 100% tested
- Performance test data provided with each cassette
- Lifetime traceability of test data to a QC number on each fiber cassette
- 4- to-1 conversion cassettes split MPO parallel optics signals into 4 discrete channels on duplex LCs - 40G MPO to (4) 10G LC, and 100G MPO to (4) 25G LC



FC39N-16-10A

Part Number	Fiber Type	Fiber Count	Connector 1 Type	Connector 2 Type		
FC39N-16-10A	OS2	16	LC Duplex	MPO-8 Male		
FC39N-16-10U						
FC39N-16-10U2						
FC3XO-16-10A	OM3					
FC3XO-16-10B						
FC3ZO-16-10A	OM4					
FC3ZO-16-10B						
FC3ZO-16-10U						
FC3ZO-16-10U2						

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Opticom® Fiber Optic Splice Cassette

- Compatible with Opticom® Rack Mount Cassette Enclosures, Wall Mount Enclosure, Fiber Trays, and Adapter Patch Panels
- Supports up to 96 LC fiber connections per rack unit
- Low insertion loss of 0.75 dB for standard cassette, 0.5 dB for optimized cassette, and 0.35 dB for ultra cassette
- Return loss >26 dB (multimode) and >55 dB (singlemode)
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color scheme
- Factory terminated, assembled, and 100% tested
- Performance test data provided with each cassette
- Lifetime traceability of test data to a QC number on each fiber cassette
- 4-to-1 conversion cassettes split MPO parallel optics signals into 4 discrete channels on duplex LCs - 40G MPO to (4) 10G LC, and 100G MPO to (4) 25G LC

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FCS9N-12-03P

FCS9N-12-10P

FCS9N-12-LAP

FCS9N-12-SAP

FCSZO-12-10P

Part Number	Fiber Type	Fiber Count	Connector 1 Type	Maximum Connector Insertion Loss (dB)	Fusion Splice Ready
FCS9N-12-03P	OS2	12	SC Duplex	0.5	Yes
FCS9N-12-10P			LC Duplex	0.35	
FCS9N-12-10R					
FCS9N-12-LAP			LC Duplex APC	0.3	
FCS9N-12-LAR					
FCS9N-12-SAP			SC Duplex APC	0.5	
FCSZO-12-10P	OM4		LC Duplex	0.15	
FCSZO-12-10R					

Opticom® Pre-Loaded Fiber Drawer

- Slide-out drawer extends 300mm for full access to fibre terminations and splices
- Supports both field termination and fusion or mechanical splicing with integrated slack storage
- Multiple cable entry options: PG11 glands, blown fibre glands, knockouts, and rubber grommets
- All-metal, two-piece construction ensures durability and easy installation with no loose parts
- Silk-screened labelling areas provided for individual fibre channel and enclosure identification



FD1W12AQDLCZ

FD1W12AQDSCZ

FD1W12BUDLCZ

FD1W12BUDSCZ

FD1W24AQDLCZ

Part Number	Number of Ports	Number of Rack Units	Connector Type	Adapter Color	Color
FD1W12AQDLCZ	12	1	LC Duplex	Aqua	Black
FD1W12AQDSCZ			SC Duplex		
FD1W12BUDLCZ			LC Duplex	Blue	
FD1W12BUDSCZ			SC Duplex		
FD1W24AQDLCZ	24	1	LC Duplex	Aqua	Black
FD1W24AQDSCZ	24		SC Duplex	Aqua	

Opticom® Pre-Loaded Fiber Drawer (continued)

Part Number	Number of Ports	Number of Rack Units	Connector Type	Adapter Color	Color
FD1W24BUDLCZ	24	1	LC Duplex	Blue	Black
FD1W24BUDSCZ			SC Duplex		

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Opticom® Rack Mount Fiber Cassette Enclosure

- Accepts Opticom® Fiber Adapter Panels (FAPs)
- Mount to standard 19" rack rails
- Accepts QuickNet™ Fiber Optic Cassettes for Opticom® Fiber Adapter Panels
- Accepts HD Flex™ Fiber Optic Cassettes with FLEX-OPTI-1RU Bracket Adapter
- Suitable for all pre-terminated, field-terminated, or field-splice applications
- Slide-out, tilt-down drawer provides full front access to all fibers and cables
- Integral bend radius control and cable management for fiber patch cords
- Innovative rear cable management for proper slacking/spooling
- Multiple cable entry locations

Copper
Systems

Fiber Optic
Systems



FCE1U



FCE2U



FCE4U



FRE1UBL



FRE2UBL

Grounding
& Bonding

Part Number	Number of Rack Units	Number of Openings	Maximum Compatible Number of Fibers	Color
FCE1U	1	4	96	Black
FCE2U	2	8	192	
FCE4U	4	12	288	
FRE1UBL	1	4	96	
FRE2UBL	2	8	192	
FRE4UBL	4	16	384	

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Security

Opticom® Wall Mount Fiber Optic Splice Enclosure

- Holds Opticom Fiber Adapter Panels (FAPs)
- Rugged all metal construction for fiber protection and secure mounting
- Compact design allows installation in tight areas
- Separate doors for service side and user side with optional keyed locks for added security includes fiber optic routing kit (grommets, cable ties, spools, strain relief bracket and ID/caution labels) for various cable management solutions

Signs,
Labels
& ID

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FWME1BL



FWME2



FWME4



FWME8

Part Number	Number of Openings	Maximum Compatible Number of Fibers	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FWME1BL	1	24	5.33 (135)	9.48 (241)	1.7 (43)	Black
★ FWME2	2	48	12 (304.8)	10.18 (258.6)	2.32 (59.1)	
★ FWME4	4	96	16.11 (409.2)	12.25 (311)	3.52 (89.4)	Black

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Opticom® Wall Mount Fiber Optic Splice Enclosure (continued)

Part Number	Number of Openings	Maximum Compatible Number of Fibers	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FWME8	8	192	16.11 (409.2)	20.25 (514.2)	3.52 (89.4)	Black

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Mgmt,
Racks &
Enclosures

Opticom® Fiber Patch Panel

- Mount to standard EIA 19" rack rails
- Standard version holds both QuickNet Fiber Optic Cassettes and Opticom Fiber Adapter Panels
- Use with Opticom Rack Mount Fiber Trays to protect fibers and terminations

Copper
Systems



CFAPPBL1



CFAPPBL2

Fiber Optic
Systems

Part Number	Mount Method	Number of Ports	Number of Rack Units	Color
CFAPPBL1	DIN Rail	4	1	Black
CFAPPBL2			2	

Grounding
& Bonding

Opticom® Fiber Tray

- Supports up to 96 LC fiber connections per rack unit
- Mount to standard EIA 19" rack rails
- Use with Opticom® Fiber Adapter Patch Panels to protect fibers and terminations
- Can be used as a back box for select Mini-Com® Patch Panels
- Removable top cover provides access to connections, fibers, and slack storage in rear of tray
- Multiple trunk cable entry locations provided on rear and sides of enclosure

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FMT1



FMT2

Signs,
Labels
& ID

Part Number	Number of Rack Units	Number of Ports	Mount Method	Fusion Splice Ready	Color
FMT1	1	4	Rack Mount	Yes	Black
FMT2	2	8			

Accessory kit available. For reference, see part FMTDKIT at panduit.com

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Opticom® Rack Mount Enclosure Fiber Slack Spool Manager

- Prevents cable strain and maximizes performance within 1RU rack mount enclosures.
- Designed to keep fiber optic cables neatly coiled, reducing the risk of microbending, signal loss, and physical damage
- Compatible with HD Fusion wall mount enclosures, ensuring seamless integration into high-density fiber optic installations



FMS1

Part Number	Number of Rack Units	Material	Overall Width In. (mm)	Overall Height In. (mm)	Color
FMS1	1	Plastic	4 (101.6)	0.95 (24.1)	Black

Opticom® Fiber Splice Tray

- Accommodates up to 24 fusion spliced single fibers, making it a practical choice for moderate-capacity fiber management in HD Fusion wall mount enclosures
- The tray's organized layout helps maintain clear separation and protection for each splice, supporting reliable network performance and easier maintenance
- Designed for seamless integration with HD Fusion enclosures, it streamlines installation and expands fiber management capabilities without added complexity



FST24



FST6



FSTK

Part Number	For Use With	Material	Splice Capacity (Single Fusion)	Color
FST24	FRME3, FRME4, FST24H3	Plastic	24	Black
FST6	FWME4, FWME8, FSTHE, FST6H4		12	
FSTK	FSTHS, FWME2		6	

Opticom® Fiber Splice Tray Holder

- Consolidates fiber management in wall mount enclosures
- Maximize space by securely stacking trays



FSC24



FSTHE



FSTHS

Part Number	Product Type	For Use With	Color
FSC24	Fiber Optic Splice Module Holder	Panduit® Opticom® Enclosures	Black
FSTHE	Fiber Stacking Holder	FWME4, FWME8	Silver
FSTHS		FWME2	Black

Opticom® Fiber Optic Splice Module

- Accommodates up to 24 fusion spliced single fibers, providing a compact and organized solution for high-density splicing needs
- Designed for seamless integration with HD Fusion wall mount enclosures, ensuring reliable performance and easy installation
- Protects spliced fibers from physical damage and environmental factors, helping maintain long-term network integrity

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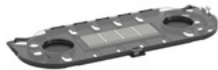
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FOSMF

Part Number	Splice Capacity (Single Fusion)	Material	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FOSMF	24	Plastic	14.03 (356.4)	0.36 (9.1)	5.6 (142.2)	Black

Opticom® Fiber Splice Module Holder

- FOSMH1U accepts up to 4 FOSM splice modules
- FOSMH2U accepts up to 8 FOSM splice modules
- FOSMH4U accepts up to 12 FOSM splice modules



FOSMH1U



FOSMH2U



FOSMH4U

Part Number	Number of Rack Units	Material	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FOSMH1U	1	Metal	0.72 (18.3)	1.41 (35.9)	2.61 (66.4)	Black
FOSMH2U	2			2.91 (74)		
FOSMH4U	4		10.42 (264.7)	5.5 (139.7)	5.41 (137.4)	

QuickNet™ SFQ MPO Fiber Adapter Panel

- Factory assembled, and 100% tested
- Compatible with QuickNet™ Patch Panels
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color identification scheme
- Significantly reduce installation time and labor by eliminating field connector terminations

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FQMAP45BL



FQMAP45RD



FQMAP46CG



FQMAP65BL



FQMAP65RD

Part Number	Number of Ports	Adapter Color	Color	Polarity	Fiber Count
FQMAP45BL	4	Black	Black	Method A	12
FQMAP45RD		Red			24
FQMAP46CG	4	Charcoal Gray	Black	Method B	12

QuickNet™ SFQ MPO Fiber Adapter Panel (continued)

Part Number	Number of Ports	Adapter Color	Color	Polarity	Fiber Count
FQMAP65BL	6	Black	Black	Method A	12
FQMAP65RD		Red			24
FQMAP66CG		Charcoal Gray		Method B	12
FQMAP85BL	8	Black		Method A	24
FQMAP85RD		Red			12
FQMAP86CG		Charcoal Gray		Method B	12

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QuickNet™ SFQ Base-8 Front Access Breakout Fiber Optic Cassette

- Pre-terminated and tested MPO and LC adapters enable quick, easy deployment in server rack applications, especially where rear cassette access is challenging
- 4-to-1 conversion cassettes break out an 8-fiber MPO into four discrete channels using duplex LC connectors, supporting both multimode (OM4) and singlemode (OS1/OS2) fiber types
- Available with ultra low (0.35dB max), optimized (0.5dB max), or standard (0.75dB max) channel insertion loss for flexible performance requirements
- Operating temperature range from 0°C to 70°C (32°F to 158°F); storage and shipping from -40°C to 75°C (-40°F to 167°F)



FQF39N-08-10U

Part Number	Fiber Type	Fiber Count	Connector 1 Type	Number of Connector 1 Ports	Connector 2 Type	Number of Connector 2 Ports	Maximum Connector Insertion Loss (dB)
FQF39N-08-10U	OS2	8	LC Duplex	4	MPO-8 Male	1	0.75
FQF39N-08-10U2							
FQF32O-08-10U	OM4						0.5
FQF32O-08-10U2							

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QuickNet™ SFQ Series Base-8 Breakout Fiber Optic Cassette

- Compatible with QuickNet™ Patch Panels for up to 96 LC fiber connections in a single rack unit
- Low insertion loss of 0.75 dB for standard cassettes, 0.50 dB for optimized cassettes, and 0.35 dB for ultra cassettes
- Significantly reduce installation time and labor by eliminating field connector terminations
- Connect together with high-density female MPO cable assemblies/trunks to quickly deploy DC network segments
- Factory terminated, assembled and 100% tested
- Performance test data provided with each cassette
- Lifetime traceability of test data to a QC number on each fiber cassette



FQ39N-08-10A



FQ39N-08-10U



FQ3ZO-08-10U

Part Number	Fiber Type	Fiber Count	Fiber Diameter (μm)	Connector 1 Type	Connector 2 Type	IL Performance	Polarity
FQ39N-08-10A	OS2	8	9	LC Duplex	MPO-8 Male	Standard	Method A
FQ39N-08-10U							Universal
FQ39N-08-10U2						OM4	50
FQ3ZO-08-10B	Universal						
FQ3ZO-08-10U							
FQ3ZO-08-10U2							

QuickNet™ SFQ Breakout Fiber Optic Cassette

- Compatible with QuickNet™ Patch Panels for up to 96 LC fiber connections in a single rack unit
- Low insertion loss of 0.75 dB for standard cassettes, 0.50 dB for optimized cassettes, and 0.35 dB for ultra cassettes
- Significantly reduce installation time and labor by eliminating field connector terminations
- Connect together with high-density female MPO cable assemblies/trunks to quickly deploy DC network segments
- Factory terminated, assembled and 100% tested
- Performance test data provided with each cassette
- Lifetime traceability of test data to a QC number on each fiber cassette



FQ9N-12-10AF



FQ9N-12-10AS



FQSA-12-10U



FQWA-12-10U

Part Number	Fiber Type	Fiber Count	Connector 1 Type	Connector 2 Type	Adapter Color	Minimum Connector Return Loss (dB)	Maximum Connector Insertion Loss (dB)
FQ9N-12-10AF	OS2	12	LC Duplex	MPO-12 Male	Blue	55	0.75
FQ9N-12-10AS					Aqua	26	0.35
FQ9N-12-10U					Lime	55	
FQSA-12-10U	OM4+	12	LC Duplex	MPO-12 Male	Aqua	26	0.5
FQWA-12-10U	OM5				Aqua	26	0.75
FQXO-12-10U	OM3				Aqua	26	
FQZN-12-10AF	OM4	12	LC Duplex	MPO-12 Male	Aqua	26	0.75
FQZN-12-10AS	OM4				Aqua	26	0.75

QuickNet™ SFQ Breakout Fiber Optic Cassette (continued)

Part Number	Fiber Type	Fiber Count	Connector 1 Type	Connector 2 Type	Adapter Color	Minimum Connector Return Loss (dB)	Maximum Connector Insertion Loss (dB)
FQZO-12-10AF	OM4	12	LC Duplex	MPO-12 Male	Aqua	26	0.5
FQZO-12-10AS							
FQZO-12-10U							

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QuickNet™ Tapped Fiber Optic Cassette

- Tap Cassettes provide passive optical tapping of live networks while maintaining full integrity of the data with no link downtime
- Offer superior splitter technology to minimize loss, extend reach and preserve signal integrity
- Compatible with Opticom® Rack Mount Cassette Enclosures, Wall Mount Enclosures, Fiber Trays, and Adapter Patch Panels
- Factory terminated, assembled and 100% tested
- Performance test data provided with each cassette

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Part Number	Fiber Type	Fiber Count	Connector 1 Type	Number of Connector 1 Ports	Connector 2 Type	Number of Connector 2 Ports
FCT-7ZA	OM4	12	LC Duplex	12	LC Duplex	6
FCT-7ZB					MPO-12 Male	1
FCT-7ZC					LC Duplex	6
FCT-7ZD			MPO-12 Male		4	

QuickNet™ HDQ Breakout Fiber Optic Cassette

- Optimized for high-density applications, supporting up to 144 fiber connections in a single rack unit (1RU) for efficient space utilization and lower total cost of ownership
- Pre-terminated modular cassette system enables quick deployment and improved reliability, reducing installation time and cost
- Available in singlemode (OS1/OS2) and multimode (OM3, OM4) fiber types, with channel insertion loss as low as 0.5dB max for optimized performance
- Angled patch field profile eases patch cord flow to vertical cable management, minimizing the need for horizontal cable managers and ensuring uniform installations



F1ABZO-1B08-10S

Part Number	Fiber Type	Fiber Count	Fiber Diameter (µm)	Connector 1 Type	Connector 2 Type	Adapter Color	Minimum Connector Return Loss (dB)	Maximum Connector Insertion Loss (dB)
F1ABZO-1B08-10S	OM4	128	50	LC Duplex	MPO-12 Male	Aqua	26	0.5

QuickNet™ MTP Breakout Fiber Optic Cassette

- Compatible with Opticom Rack Mount Cassette Enclosures, Wall Mount Enclosure, Fiber Trays, and Adapter Patch Panels
- Supports up to 96 LC fiber connections per rack unit
- Low insertion loss of 0.75 dB for standard cassette, 0.5 dB for optimized cassette, and 0.35 dB for ultra cassette
- Return loss >26 dB (multimode) and >55 dB (singlemode)
- Adapter housing colors follow ANSI/TIA-568.3-D suggested color scheme
- Factory terminated, assembled, and 100% tested
- Performance test data provided with each cassette
- Lifetime traceability of test data to a QC number on each fiber cassette
- 4- to-1 conversion cassettes split MPO parallel optics signals into 4 discrete channels on duplex LCs - 40G MPO to (4) 10G LC, and 100G MPO to (4) 25G LC



FC29N-12-10AF



FC29N-12-10U



FC29N-24-10AF



FC29N-24-10AS

Part Number	Fiber Type	Fiber Count	Connector 1 Type	Connector 2 Type	Adapter Color	Minimum Connector Return Loss (dB)	Maximum Connector Insertion Loss (dB)
FC29N-12-10AF	OS2	12	LC Duplex	MPO-12 Male	Blue	55	0.75
FC29N-12-10AS							
FC29N-12-10U							
FC29N-24-10AF							
FC29N-24-10AS							
FC29N-24-10U	24						
FC2SA-12-10U		12					
FC2SA-24-10U	24						
FC2WA-12-10U		12					
FC2WA-24-10U	24						
FC2XN-12-10U		12					
FC2XN-24-10U	24						
FC2XO-12-10U		12					
FC2XO-24-10U	24						
FC2ZA-12-10U		12					
FC2ZA-24-10U	24						
FC2ZN-12-10AS		12					
FC2ZN-24-10AF	24						
FC2ZN-24-10AS		24					
FC2ZO-12-10AF	12						
FC2ZO-12-10AS		24					
FC2ZO-12-10U	24						
FC2ZO-24-10AF		24					
FC2ZO-24-10AS	24						
FC2ZO-24-10U		24					

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index

QuickNet™ Cassette Rear Cable Manager

- Mounts to the rear of standard EIA 19" racks and saves floor space by occupying less than 1RU
- Three fiber management spools protect cables and make maintenance easier while keeping cable routing organized
- Supports up to sixteen MTP* interconnect cable assemblies for high-density fiber management
- The design is modular and works with QuickNet™ SFQ, HDQ, and pre-terminated cable assemblies
- Strain relief and bend radius control help maintain cable integrity and improve organization

Cabinets,
Thermal
Mgmt,
Racks &
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Copper
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& ID

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FQCRM

Part Number	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FQCRM	19.12 (485.6)	1.08 (27.4)	9.56 (242.9)	Black

*MTP is a registered trademark of Conec Ltd.

HD Fusion Fiber Splice Enclosure

- 4RU horizontal splice shelf provides dedicated space for fiber splicing within standard 19-inch rack systems
- Integrated splice management supports organized routing and protection of fusion or mechanical fiber splices
- Front-access design simplifies installation, inspection, and maintenance in dense fiber environments
- Splice trays sold separately



FRMHSS-4RU

Part Number	Maximum Compatible Number of Fibers	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)
FRMHSS-4RU	1152	17.42 (442.4)	6.97 (177)	18.7 (475.1)

HD Fusion Fiber Splice Tray

- Provides organized and secure management for up to 48 fusion spliced single fibers, supporting high-density splicing applications in HD Fusion wall mount enclosures
- Designed for compatibility with HD Fusion enclosures, ensuring easy integration and reliable performance in fiber optic networks



FST144R



FST48

Part Number	Material	Product Type	Splice Capacity (Single Fusion)	Splice Capacity (Ribbon)	Color
FST144R	Metal	Fiber Stacking Holder	–	144	Black
FST48	Aluminum	Fiber Splice Tray Kit	48	–	

HD Fusion Wall Mount Fiber Splice Enclosure

- Installs via wall, overhead, floor, or rack/cabinet mounting for versatile deployment
- Rotatable splice trays enable easy access and viewing of individual or ribbon fibers
- Tool-free door removal and integrated document holder streamline maintenance
- Adjustable cable management shifts laterally to expand workspace during installation



FWMHSSGS-3456

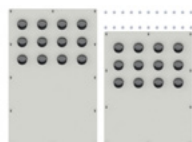


FWMHSSGS-6912

Part Number	Maximum Compatible Number of Fibers	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FWMHSSGS-3456	3456	24 (610)	36.21 (914)	15 (381)	Gray
FWMHSSGS-6912	6912	48 (1219)			

HD Fusion Top and Side Cover Kit

- Includes one top cover, one side cover, all necessary hardware, and 24 snap-in plastic plugs for easy installation and secure enclosure protection
- Features twelve 32mm (1 1/4") openings designed specifically for compatibility with the FWMHSS-CG1321 cable gland, enabling organized cable entry and management
- Shields fiber optic splicing equipment from dust, debris, and unauthorized access, helping maintain the integrity and reliability of your network infrastructure



FWMHSSG-12X32

Part Number	Color
FWMHSSG-12X32	Black

HD Fusion Grounding Kit

- Provides a simple and effective way to ground HD Fusion wall mount enclosures, ensuring the safety and reliability of your fiber optic network infrastructure
- Includes all necessary hardware for mounting and grounding, streamlining setup and integration into new or existing fiber management systems
- Meets RoHS material restrictions for hazardous substances, supporting compliance with environmental and safety standards



FWMHSSG-GROUND

Part Number	Mount Method	Color
FWMHSSG-GROUND	Wall Mount	Gray

HD Fusion Incoming Cable Anchor Post

- Provides a reliable and sturdy anchor point for incoming fiber cables, ensuring secure and organized connections to your fiber distribution system
- Designed for use with Panduit HD Fusion wall mount enclosures (models FWMHSSS-3456 and FWMHSSS-6912), supporting hyperscale splicing solutions

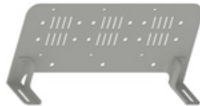


FWMHSS-ICAK

Part Number	Mount Method	Color
FWMHSS-ICAK	Wall Mount	Gray

HD Fusion Incoming Cable Bracket

- Provides a structured solution to secure and route cables within your HD Fusion wall mount enclosures
- Facilitates neat cable management by guiding cables through the enclosure, reducing clutter and minimizing the risk of damage or signal loss

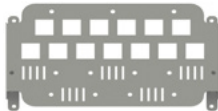


FWMHSSG-ICB

Part Number	Mount Method	Color
FWMHSSG-ICB	Wall Mount	Gray

HD Fusion Incoming Cable Plate

- Offers a sturdy and versatile mounting solution for your HD Fusion wall mount enclosures
- Designed for compatibility with HD Fusion wall mount enclosures, ensuring easy integration and optimal strain relief for high-density fiber optic installations



FWMHSSG-ICP

Part Number	Mount Method	Color
FWMHSSG-ICP	Wall Mount	Gray

HD Fusion Cable Gland

- Designed as a cable gland for securing 13–21mm fiber cables to HD Fusion Wall Mount enclosures
- Compatible with circular cutouts in top, bottom, and side cover plates; requires a 33mm cutout diameter
- Constructed from RoHS-compliant plastic for reliable environmental performance
- Includes locknut and sealing nut for secure, moisture-resistant installation



FWMHSS-CG1321

Part Number	Short Description
FWMHSS-CG1321	HD Fusion Cable Gland 13-21mm (1/2"-13/16"), Black
FWMHSS-CG2135	HD Fusion Cable Gland 21-35mm (13/16"-1 3/8"), Black
FWMHSS-CG3448	HD Fusion Cable Gland 34-48mm (1 3/8"-1 7/8"), Black
FWMHSS-CG613	HD Fusion Cable Gland 6-13mm (1/4"-1/2"), Black

HD Fusion Cable Storage Box

- Provides a dedicated space to store and manage excess cables within your HD Fusion wall mount enclosures, ensuring a clean and professional installation
- Constructed from durable materials to safeguard cables from physical damage, dust, and environmental factors, supporting long-term network reliability



FWMHSSG-STOR

Part Number	Mount Method	Color
FWMHSSG-STOR	Wall Mount	Gray

Fiber Optic Cleaning Solution

- Specially formulated cleaning solution designed for use with fiber optic connectors and end faces
- Effectively removes dust, oil, and other contaminants to ensure optimal signal transmission and connector performance
- Compatible with Panduit cleaning tools and is safe for use on all standard fiber optic connector types



FCLEANSOL

Part Number	For Use With
FCLEANSOL	OptiCam Fiber Connectors

Fiber Optic Cleaning Wipes

- Wipes are lint-free and designed for cleaning fiber optic connectors, end faces, and splicing equipment
- Effectively remove dust, oil, and contaminants to maintain optimal fiber optic signal performance
- Compatible with Panduit cleaning solutions and safe for use on all standard fiber optic connector types



FCLEANWIPE

Part Number	For Use With
FCLEANWIPE	Fiber Field Terminations

Fiber Optic Precision Rotary Cleaver

- Precision fiber cleaver with rotary blade, receptacle for scrap stubs, cleave counter



FSPCVR

Part Number	For Use With
FSPCVR	Fiber Field Terminations

Fiber Optic Strip Tool

- Five-hole strip tool for jacketed, tight-buffer, and loose-tube fiber



FOSTFH

Part Number	For Use With
FOSTFH	Fiber Field Terminations



Explore our Electrical Infrastructure
catalog at panduit.com/catalogs

Fiber Termination Fan-Out Kit

- Builds 250um loose-tube fiber up to 900um



F012CB

Part Number	Fiber Count	Includes
F012CB	12	Base, Cover, Breakout Block Tube Assembly, Double-Sided Tape, Heat Shrink Tubing
F06CB	6	

IndustrialNet™ Fiber DIN Rail Mount Patch Panel

- Modular design for easy DIN rail mounting
- Easy installation, no special tools required
- Compact size and low-profile of Mini-Com® DIN Rail Mount Adapters saves valuable DIN rail space



FDPPEIG



FDPPSIG

Part Number	Mount Method	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Color
FDPPEIG	DIN Rail	2.6 (66)	5.9 (149.9)	6.93 (221)	Gray
★ FDPPSIG				4.76 (116.8)	

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Grounding & Bonding

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Connecting What's Next in the Electrification Era

High-compliance wire termination and grounding solutions engineered for safe, reliable electrical connections.

Power connectors and grounding portfolio engineered for **safety, efficiency, and reliability**—trusted across data centers, renewable energy, industrial, and commercial markets.

- ▶ Streamlined identification, fast installation, and dependable conductivity
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- ▶ UL, CSA, RoHS, ABS, and NEBS Level 3-certified for safe, compliant installations



For more information, visit
panduit.com/power-grounding



PANDUIT®

StructuredGround™ Universal Grounding Busbar Kit for Threaded Rail Fasteners



- Provides a common grounding location within the cabinet for compliance with U.S. and international standards
- Optimized for 19 inch EIA-310-D racks or cabinets
- Pre-assembled with 20 mounting screws for quick installation



RGRB19U

Part Number	For Use With	Std. Pkg. Qty.
★ RGRB19U	19" Racks that meet EIA-310-D	1

StructuredGround™ Grounding Busbar Kit for Threaded Rail Fasteners



- Provides a common grounding location within the cabinet for compliance with U.S. and international standards
- Optimized for 19 inch EIA-310-D racks or cabinets
- Pre-assembled with 20 mounting screws for quick installation



RGRB19Y

Part Number	Overall Width In. (mm)	Overall Depth In. (mm)	Includes	Std. Pkg. Qty.
★ RGRB19Y	1 (25)	19.37 (491.5)	(1) Mounting Hardware Kit	1

StructuredGround™ Telecommunications Grounding Busbar



- Meets BICSI and ANSI / TIA-607-D (rev. 2019) requirements for network systems grounding applications
- Made of high conductivity copper and tin-plated to inhibit corrosion
- Comes pre-assembled with brackets and insulators attached for a quick installation
- The insulators provide 600 V of insulation and use of Panduit self-laminating laser/ink jet labels to identify busbars



GB2B0312TPI-1

Part Number	Overall Thickness In. (mm)	Overall Width In. (mm)	Overall Length In. (mm)	Std. Pkg. Qty.
GB2B0312TPI-1	0.25 (6.4)	2 (50.8)	20 (508)	1

StructuredGround™ Telecommunications Main Grounding Busbar



- Meets BICSI and ANSI/TIA-607-D (rev. 2019) grounding requirements
- Pre-assembled with brackets and insulators for quick installation
- Insulators provide 600 V insulation



GB4B1028TPI-1

Part Number	Overall Thickness In. (mm)	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Std. Pkg. Qty.
GB4B1028TPI-1	0.25 (6.4)	24 (609.6)	4 (101.6)	2.75 (69.9)	1

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

StructuredGround™ Grounding Strip Kit for Threaded Rail Fasteners



- Bonds up to 45 RU per rack with threaded rail fasteners and EIA universal mounting hole pattern



RGS134-1Y

Part Number	Overall Length In. (mm)	Overall Width In. (mm)	Overall Thickness In. (mm)	Includes	Std. Pkg. Qty.
★ RGS134-1Y	78.7 (1997)	0.68 (17.3)	0.05 (1.3)	(1) Grounding Strip, (1) 0.16oz (5cc) Antioxidant, (1) Grounding Sticker, (3) #12-24 x 1/2" Thread-Forming Screws, (3) M6x12mm Thread-Forming Screws	1

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

StructuredGround™ Grounding Strip Kit for Cage Nut Rail Fasteners



- Bonds up to 45 RU per rack and includes EIA universal mounting hole pattern
- Engineered to comply with U.S. and international grounding requirements



RGS134B-1

Part Number	Number of Rack Units	Overall Thickness In. (mm)	Overall Length In. (mm)	Overall Width In. (mm)	Includes	Std. Pkg. Qty.
RGS134B-1	45	0.03 (0.8)	78.7 (1986.3)	0.67 (17.1)	(1) Grounding Strip, (1) 0.16oz (5cc) Antioxidant, (1) Grounding Sticker, (3) Cage Nut Bonding Studs, (8) #12-24 Bonding Nuts, (3) Strip Clips	1

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index

StructuredGround™ Universal Grounding Bar



- Compatible with all common wire termination methods, including stripped wire, ferrules, terminals, compression connectors, and mechanical connectors, and works with more than 140 Panduit connectors
- Offers surface mounting plus two stand-off options, bonded or isolated, to provide additional wiring space in tight areas
- Unique ground bar profile increases contact area between connectors and the bar for improved conductivity
- Engineered to streamline installation and enhance accessibility in confined spaces



UGB2/0-414-12

Part Number	Compatible Wire Gauge	Compatible Conductor Size	Number of Ports	Overall Length In. (mm)	Overall Width In. (mm)	Std. Pkg. Qty.
UGB2/0-414-12	4 AWG	14-4 AWG	12	8.28 (210.3)	0.62 (15.7)	1

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

StructuredGround™ C-Type Compression Connector



- High strength design delivers premium electrical performance
- Works with solid and stranded copper Code conductors for tapping, wire joints, or two way splices
- Wide wire range taking capability reduces inventory requirements
- UL Listed and CSA Certified to 600 V and 90°C when crimped with Panduit or approved competitor tools and dies
- Consult cable manufacturer for voltage stress relief guidance for applications above 2000 V
- CTAP parts are UL Listed and CSA Certified for AWG wire only
- Not UL or CSA approved for metric wire; use GCE or GCC series for approved metric connections
- Not UL/CSA approved for use with metric wire. See GCE & GCC series parts for UL/CSA approved connections for metric wire



CTAP4/0-2-X

Part Number	Run Size	Tap Size	Overall Height In. (mm)	Overall Length In. (mm)	Overall Width In. (mm)	For Use With	Burndy Die Index Number	Wire Strip Length In. (mm)	Std. Pkg. Qty.
CTAP4/0-2-X	4-3/0 AWG	6-2 AWG	1.66 (42.2)	0.94 (23.9)	1.08 (27.4)	AWG wire only	F	1-1/4 (32)	10

Grounding
& Bonding

Power, Env,
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Connectivity
Hardware

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

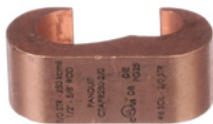
Wire
Termination

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Index

StructuredGround™ Grounding Connector



- Wide range taking, multi conductor design increases flexibility and reduces part count for conductor to conductor and conductor to rod applications
- Heavy wall, extruded, high conductivity copper design delivers high strength and premium electrical performance
- Pre-applied conductive antioxidant compound provides a strong mechanical and electrical bond for faster installation
- Marked with Panduit die index numbers for accurate die selection
- UL 467 Listed for grounding and bonding and rated for direct burial in earth or concrete when crimped with select Panduit or approved competitor tools and dies
- UL 486A and UL 486B Listed for wire to wire applications up to 35 kV and 90°C when crimped with select Panduit or approved competitor tools and dies



CTAPR2/0-2/0-L

Part Number	Main Size	Max. Ground Rod Sz. In. (mm)	Tap Size	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Std. Pkg. Qty.
CTAPR2/0-2/0-L	1-2/0 AWG STR	3/8 (9.5)	2/0 AWG STR	0.75 (19.1)	0.74 (18.8)	1.55 (39.4)	50

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

StructuredGround™ E-Style Grounding Connector



- Designed for E-style patch panels
- Flexible, efficient, and reliable connections for various grounding solutions
- High Conductivity
- For Utility/Ground Grid Applications
- E-Tap Grounding Connector



GCE250-250-Q

Part Number	Overall Width In. (mm)	Overall Height In. (mm)	Std. Pkg. Qty.
GCE250-250-Q	1.08 (27.4)	2.66 (67.6)	25

Power, Env,
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Security

Signs,
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& ID

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Routing,
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StructuredGround™ Access Floor Grounding Clamp



- Quad bolt design provides a strong bond for one or two perpendicular conductors and speeds installation by securing one conductor in place
- Fits conductors from #6 to 1/0 AWG, reducing inventory with wide range taking capability
- Captive U bolt with single hinged bolt enables installation in one third the time of comparable products



GPOC10-1/0

Part Number	Compatible Pedestal Width (In.)	Overall Width In. (mm)	Overall Height In. (mm)	Overall Depth In. (mm)	Std. Pkg. Qty.
GPOC10-1/0	7/8 Square, 1 Round, 1-1/8 Round	3.38 (85.9)	3.19 (81)	4.19 (106.4)	1

StructuredGround™ Bronze Grounding Clamp



- Grounds copper Code conductor to flat surfaces
- Cast from high strength electrolytic bronze for reliable grounding connections
- High strength silicone bronze hardware provides long term reliable assembly
- Accommodates a wide range of conductor sizes to reduce inventory and save cost
- Spacer plate separates the conductor from the mounting surface
- cULus 467 Listed for grounding and bonding and suitable for direct burial in earth or concrete



GM-3-Q

Part Number	Compatible Conductor Size	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Hex Size In. (mm)	Std. Pkg. Qty.
GM-3-Q	2/0 AWG-250 kcmil	2.13 (54.1)	1.5 (38.1)	2 (50.8)	1/2 (12.7)	25

Full product portfolio and solutions at panduit.com



StructuredGround™ Tin-Plated Aluminum Lay-In Lug



- Supports quick installation of a continuous grounding conductor
- UL 467 Listed for grounding and bonding; copper lugs UL Listed for direct burial in earth or concrete
- UL Listed for use up to 600 V and temperature rated 90°C
- Wide wire range taking capability reduces inventory requirements
- Zinc plated steel set screw
- Panduit oxide inhibiting joint compound (CMP) recommended for pad to conductor connections



LIAC4-22-C

Part Number	Compatible Conductor Size	Stud Hole Size In. (mm)	Hex Size In. (mm)	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Std. Pkg. Qty.
LIAC4-22-C	14-4 AWG	#12 (5.6)	1/4 (6.35)	1.06 (26.9)	0.39 (9.9)	0.78 (19.8)	100

LIAS250-56-X is not DB Rated

StructuredGround™ Two Conductor Service Post Connector



- Grounds two copper Code conductors to steel structures, busbars, or transformers, or taps from busbars using a hex nut and washer
- High copper content, hard drawn copper rod provides high strength
- Pressure bar delivers secure connections across a full range of conductor combinations with premium pull out strength
- cULus 467 Listed for grounding and bonding and suitable for direct burial in earth or concrete
- True hex body and nut design ensures proper fit with socket, box, or open end wrenches for easy installation
- Available in standard and long stud lengths for optimal threaded stud fit through the mounting surface



SP2-2/0-Q



SP2-4/0-Q

Part Number	Thread Size	Overall Length In. (mm)	Stud Length In. (mm)	Hex Size In. (mm)	Std. Pkg. Qty.
SP2-2/0-Q	1/2-13 UNC Thread	1.88 (47.8)	3/4 (19.1)	7/8 (22)	25
SP2-4/0-Q	5/8-11 UNC Thread	2.25 (57.2)	1 (25.4)	1-3/8 (35)	



StructuredGround™ Universal Beam Grounding Clamp



- Fits a wide range of standard angled and wide flange structural steel beams to provide a mounting pad for a two hole compression lug
- Installs quickly with standard 0.25 inch key hex wrench tooling
- UL 467 Listed and CSA 22.2 Certified for grounding and bonding and suitable for direct burial in earth or concrete
- Meets vibration requirements per MIL STD 202G (Method 201A)



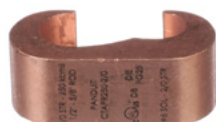
GUBC500-6

Part Number	Copper Conductor Size	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Std. Pkg. Qty.
★ GUBC500-6	6 AWG-500 kcmil	3.15 (80)	2.13 (54)	2.5 (63.5)	1

StructuredGround™ Grounding Connector



- Wide range taking, multi conductor design increases flexibility and reduces part count for conductor to conductor and conductor to rod applications
- Heavy wall, extruded, high conductivity copper design delivers high strength and premium electrical performance
- Pre-applied conductive antioxidant compound provides a strong mechanical and electrical bond for faster installation
- Marked with Panduit die index numbers for accurate die selection
- UL 467 Listed for grounding and bonding and rated for direct burial in earth or concrete when crimped with select Panduit or approved competitor tools and dies
- UL 486A and UL 486B Listed for wire to wire applications up to 35 kV and 90°C when crimped with select Panduit or approved competitor tools and dies



CTAPR2/0-2/0-L

Part Number	Main Size	Max. Ground Rod Sz. In. (mm)	Tap Size	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Std. Pkg. Qty.
CTAPR2/0-2/0-L	1-2/0 AWG STR	3/8 (9.5)	2/0 AWG STR	0.75 (19.1)	0.74 (18.8)	1.55 (39.4)	50

StructuredGround™ Copper Compression Tap



- Used to tap into continuous conductors as a splice or pig tailing
- Terminates a wide range of conductor sizes and combinations of code and flex conductors Class G, H, I, and Diesel Locomotive to suit a variety of applications
- The slotted design allows quick and easy assembly of conductor to HTAP using three Panduit 94V-0 cable ties
- UL Listed and CSA Certified for applications up to 600 V when crimped with Panduit and specified competitor crimping tools and Panduit crimping dies

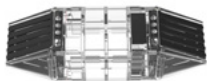


HTCT2-2-1

Part Number	Tap 1 Size	Tap 2 Size	Color Code	Panduit Die Index Number	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)
HTCT2-2-1	8-2 AWG	14-8 AWG	Brown	PH2	0.76 (19.3)	0.61 (15.5)	1.55 (39.4)

StructuredGround™ Insulating Cover

- Made of high-impact plastic, provides 360° inspections and a low-profile design for space efficiency
- Polycarbonate/Polypropylene Material
- Facility Electrical Protection
- Ensures 360° inspections and a low-profile design for space efficiency. For facility applications that need electrical protection



CLRCVR2-1

Part Number	Material	Color	Flammability Rating	For Use With
CLRCVR2-1	Polycarbonate/Polypropylene	Clear/Black	94 V-0	HTAPS



Explore our Electrical Infrastructure catalog at panduit.com/catalogs

Power, Environmental, Security & Connectivity Hardware

Fault Managed Power System

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Faster Installs. Smarter Power. Zero Complexity.

Managing and installing a rack power distribution unit (PDU) has never been easier than with the EL2P PDU. **Designed to simplify deployment and take the stress out of power distribution**, this intelligent PDU helps reclaim valuable hours.



Seamless Integration, No Extra Hardware

Built-in data collectors eliminate clutter and the need for secondary devices



Advanced Connectivity, Maximum Control

Dual 1GB Ethernet ports, Wi-Fi and Bluetooth allow for real-time power management anywhere



Plug and Play Integration

Seamless integration with third-party DCIM applications



For more information, visit
panduit.com/el2p

PANDUIT®



Stop One Power Fault from Becoming Twenty

When one circuit fails in traditional power installations, cascading failures take down entire systems—leading to costly downtime and operational risk. **Panduit Fault Managed Power isolates faults in milliseconds, containing the problem while the rest of your infrastructure keeps running.**



Millisecond Isolation

Prevents cascading infrastructure failures



Isolated Circuit Failures

Keeps critical systems running during faults



Proven for High-Uptime Environments

Ideal where reliability and safety are non-negotiable



For more information, visit
panduit.com/fmps



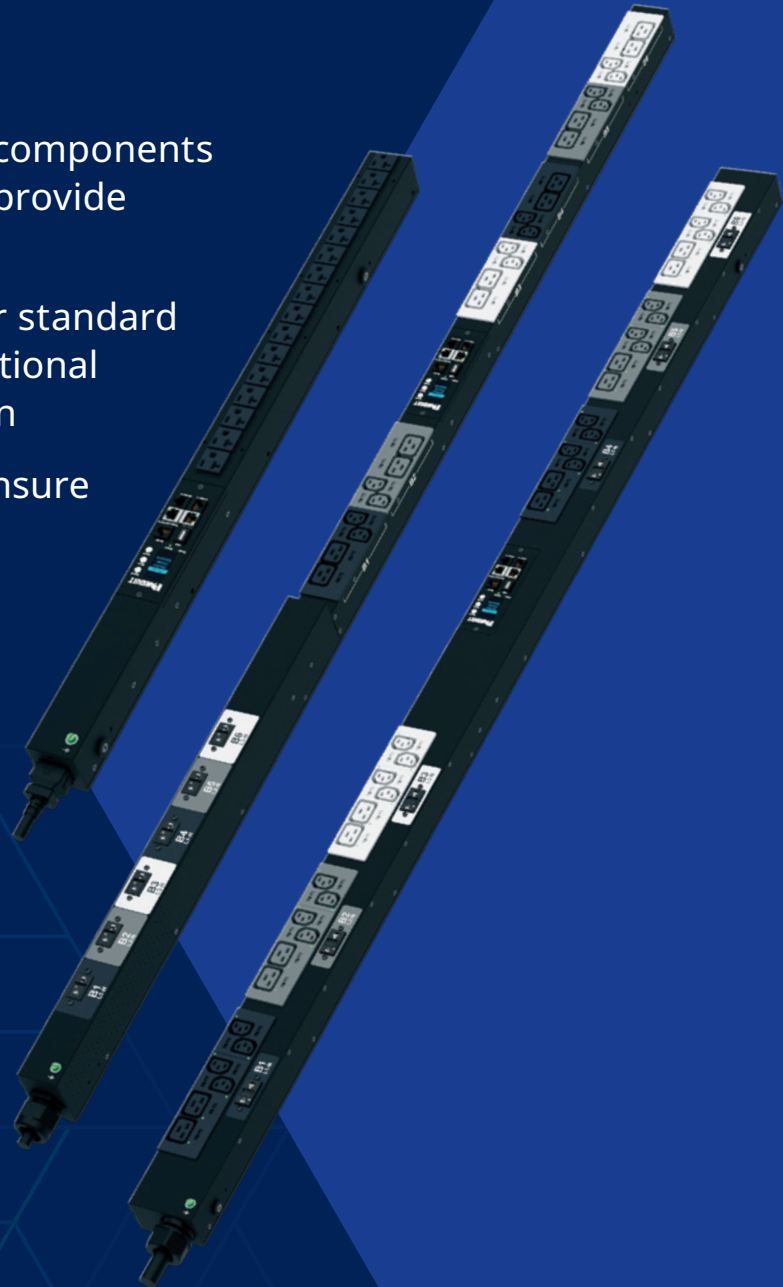
PANDUIT®

Elevate Efficiency, Secure Sustainability

with Intelligent Power Distribution Units

Take energy management to the next level with Panduit PDUs. Designed to protect both on-premises and remote environments, our PDUs not only optimize power consumption but also guarantee maximum uptime with pinpoint accuracy.

- ▶ **High Temperature:** Premium components withstand 60°C at full load to provide high quality and reliability
- ▶ **Reliable Warranty:** Three-year standard warranty and up to three additional years with product registration
- ▶ **Dual-Locking Power Cords:** Ensure unwavering connectivity and security with dual locking power cords



For more information, visit
panduit.com/pdu

PANDUIT®

Zero Transfer Time.

Zero Downtime. Zero Compromise.

Power outages and voltage fluctuations corrupt data and damage sensitive electronics. Protect your data and critical IT equipment with the Panduit UPS. The perfect solution for Data Centers, Enterprises and Edge IT, **Panduit UPS Systems deliver top-tier power protection and backup for critical IT gear.**



Zero Transfer Time

Prevents data corruption



Reliable Power

Protects through outages and voltage events



Lithium Efficiency

Reduces long-term ownership costs



For more information, visit
panduit.com/ups



PANDUIT®

Fault Managed Power System Class 4 Receiver

- Supports long-distance powering from transmitters up to 2 km away
- Delivers up to 1.6 kW to multiple DC loads with no limit on device count
- Accepts up to three power inputs for scalable, redundant power delivery
- Provides ± 48 VDC or ± 56 VDC output for broad equipment compatibility
- Wall-mountable design enables placement near powered devices
- Hot-swappable architecture supports fast maintenance and system growth
- Intelligent LED indicators simplify installation and troubleshooting
- Operates safely with UL 1400-1 certified Class 4 fault-managed power



PXR1AJF

Part Number	Mount Method	Input Voltage (V)	Input Amperage (A)	Output Power (W)
PXR1AJF	Wall Mount	± 180 VDC	2	1600

Fault Managed Power System Class 4 Transmitter Chassis

- Supports up to three hot-swappable power supply units for scalable capacity
- Hosts up to nine transmitter modules to deliver long-distance Class 4 power
- 1 RU design minimizes rack footprint in headend, MDF, or IDF spaces
- Quick-insert screw terminals streamline field installation and service
- Integrated management module provides web-based monitoring and control
- Compatible with SNMP, HTTPS, DHCP, and other common network protocols
- High-efficiency architecture delivers up to 4.8 kW to remote receivers
- UL 1400-1 compliant for safe, fault-managed high-voltage power distribution



PXTC1ARA

Part Number	Mount Method	Number of Power Supply Slots	Number of Transmitter Slots	Number of Rack Units
PXTC1ARA	Rack Mount Bracket	3	9	1

Fault Managed Power System Class 4 Transmitter Module

- Delivers ± 180 V fault-managed pulses for safe, long-distance power transfer
- Provides up to 600 W per copper pair to support high-demand devices
- Hot-swappable quick-release mount enables fast moves, adds, and changes
- 12–30 AWG screw-terminal inputs simplify installation in diverse environments
- Peak 99 percent efficiency maximizes performance across extended runs
- Integrates with transmitter chassis for scalable Class 4 system configurations

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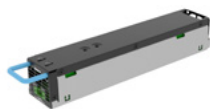
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& ID

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PXTM1AF

Part Number	Mount Method	Power Output Connector	Input Voltage (V)	Output Voltage (V)	Input Amperage (A)	Output Amperage (A)	Output Power (W)
PXTM1AF	Hot-Swappable	Screw Terminal Plug	360 VDC	± 180 VDC	2	2	600

Fault Managed Power System Class 4 Power Supply Unit

- Converts 115–230 VAC input to stabilized 360 VDC for Class 4 power delivery
- Peak efficiency above 92 percent supports reliable operation under load
- Hot-swappable design maintains uptime during service or expansion
- 50 A inrush protection and robust isolation enhance electrical safety
- 1 RU compatible form factor integrates cleanly within transmitter chassis
- Supports up to three PSUs per chassis for scalable power capacity
- Meets UL 1400-1 safety requirements for fault-managed power systems



PXU1AJANNNXX

Part Number	Mount Method	Input Voltage (V)	Output Voltage (V)	Input Amperage (A)	Output Amperage (A)	Output Power (W)
PXU1AJANNNXX	Hot-Swappable	115 to 230 VAC	360 VDC	7.6	4.5	1600

Full product portfolio and solutions at panduit.com



Mini-Com® Power Connector Module

- Snap-in Mini-Com design streamlines moves, adds, and changes
- Screw-terminal connections eliminate punchdown tools
- Supports Class 4 Fault Managed Power and Class 2 low-voltage pass-through
- Provides a unified demarcation point for power within network zones
- Enables plug-and-socket segmentation for safe, simple disconnection
- Compatible with 12–26 AWG conductors for installation flexibility
- Rated 10 A and 450 V max with IP20 finger-safe protection



PXM1ARGRBL

Part Number	Compatible Conductor Size	Termination Style	Maximum Voltage (V)
PXM1ARGRBL	26-12 AWG	Screwdown	450

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EL2P Intelligent PDU

- Continuously monitors rack-level power and environmental conditions to protect critical IT equipment
- Provides precise energy measurement data for optimizing usage, planning capacity, and improving up time
- Supports sustainability initiatives with energy-saving features that help reduce costs
- Intuitive touchscreen with auto-rotating display simplifies local monitoring
- Combination outlets support multiple plug types and dual-locking cords to prevent accidental disconnects
- Hot-swappable controller enables maintenance without powering down equipment
- Hardened cybersecurity features meet USGv6 and IEC/UL standards for secure operations
- Flexible mounting, multiple plug options, and compact form factor ensure easy integration



E36D06L



E36D25L



E36D28L



E36E09L



E36F13L

Part Number	Rack PDU Type	Apparent Power (kVA)	PDU Form Factor	Plug Type	Phase	Input Amperage (A)	Output Receptacles
E36D06L	Monitored Input	7.4	0U FULL	IEC 60309 2P+E 6h 32A (IP44)	Single-Phase	32	(18)C13/C15, (18)C13/C15/C19/C21
E36D25L		5		NEMA L6-30P		30	
E36D28L		8.6		NEMA L21-30P	3-Phase	32	
E36E09L	Monitored & Switched	22.0		IEC 60309 3P+N+E 6h 32A (IP44)		32	
E36F13L	Monitored per Outlet			Monitored & Switched per Outlet	NEMA L6-30P	Single-Phase	
E36G18L	5	NEMA L21-30P			3-Phase		
E36G19L	8.6	CS8365				60	
E36G20L	10	IEC 60309 3P+E 9h 60A (IP44)				20 (NA)/16 (EU)	
E36G30L	14.4	0U FULL				IEC 60309 3P+N+E 6h 20A/16A (IP44)	
E36G31L	17.3						
E36G32L	Monitored & Switched per Outlet	11.5 (NA)/11.0 (EU)	0U FULL	IEC 60309 3P+N+E 6h 20A/16A (IP44)	3-Phase	20 (NA)/16 (EU)	(18)C13/C15, (18)C13/C15/C19/C21

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EL2P Intelligent PDU (continued)

Part Number	Rack PDU Type	Apparent Power (kVA)	PDU Form Factor	Plug Type	Phase	Input Amperage (A)	Output Receptacles	
E36G33L	Monitored & Switched per Outlet	17.3 (NA)/22.0 (EU)	OU FULL	IEC 60309 3P+N+E 6h 32A (IP44)	3-Phase	30 (NA)/32 (EU)	(18)C13/C15, (18)C13/C15/C19/C21	
E42D04L	Monitored Input	22.0		IEC 60309 2P+E 6h 32A (IP44)	Single-Phase	32	(21)C13/C15, (21)C13/C15/C19/C21	
E42D06L		7.4						
E42D07L		17.3		NEMA L22-30P	3-Phase	30		
E42D20L				IEC 60309 3P+E 9h 60A (IP44)		60		
E42D22L				CS8365		50		
E42D42L				IEC 60309 3P+N+E 6h 16A (IP44)		16		
E42E07L	Monitored & Switched	7.4		IEC 60309 2P+E 6h 32A (IP44)	Single-Phase	32		
E42E24L		17.3		IEC 60309 3P+E 9h 60A (IP44)	3-Phase	60		
E42E26L		14.4		CS8365		50		
E42G02L	Monitored & Switched per Outlet	10	IEC 60309 2P+E 6h 60A (IP44)	Single-Phase	60	(24)C13/C15, (24)C13/C15/C19/C21		
E42G03L		5.0 (NA)/7.4 (EU)			IEC 60309 2P+E 6h 30A/32A (IP44)		30 (NA)/32 (EU)	
E42G04L		8.6	NEMA L15-30P	3-Phase	30			
E42G05L		17.3 (NA)/22.0 (EU)	IEC 60309 3P+N+E 6h 30A/32A (IP44)		30 (NA)/32 (EU)			
E42G06L	11.5 (NA)/11.0 (EU)	IEC 60309 3P+N+E 6h 20A/16A (IP44)	20 (NA)/16 (EU)					
E42G20L	17.3	IEC 60309 3P+E 9h 60A (IP44)	60					
E42G22L	14.4	CS8365	50					
E48D20L	Monitored Input	17.3 (NA)/22.0 (EU)	IEC 60309 3P+N+E 6h 30A/32A (IP44)	3-Phase	30 (NA)/32 (EU)		(24)C13/C15, (24)C13/C15/C19/C21	
E48D21L		8.6			NEMA L21-30P			30
E48D22L					NEMA L15-30P			20 (NA)/16 (EU)
E48D23L		11.5 (NA)/11.0 (EU)	IEC 60309 3P+N+E 6h 20A/16A (IP44)					
E48D31L		34.5 (NA)/43.6 (EU)	OU FULL - Wide		IEC 60309 3P+N+E 6h 60A/63A (IP44)			
E48E20L	Monitored & Switched	17.3 (NA)/22.0 (EU)	OU FULL	IEC 60309 3P+N+E 6h 30A/32A (IP44)	30 (NA)/32 (EU)	(24)C13/C15, (24)C13/C15/C19/C21		
E48E21L		8.6		NEMA L21-30P	30			
E48E22L				NEMA L15-30P				
E48E23L		11.5 (NA)/11.0 (EU)	IEC 60309 3P+N+E 6h 20A/16A (IP44)	20 (NA)/16 (EU)				
E48E25L	Monitored & Switched per Outlet	34.5 (NA)/43.6 (EU)	OU FULL - Wide	IEC 60309 3P+N+E 6h 60A/63A (IP44)	60 (NA)/63 (EU)			
E48G01L		17.3 (NA)/22.0 (EU)	OU FULL	NEMA L22-30P	30			
E48G30L				IEC 60309 3P+N+E 6h 30A/32A (IP44)	30 (NA)/32 (EU)			
E48G31L	8.6			NEMA L21-30P	30			
E48G32L	Monitored & Switched per Outlet	8.6	OU FULL	NEMA L15-30P	3-Phase		30	(24)C13/C15, (24)C13/C15/C19/C21

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EL2P Intelligent PDU (continued)

Part Number	Rack PDU Type	Apparent Power (kVA)	PDU Form Factor	Plug Type	Phase	Input Amperage (A)	Output Receptacles
E48G33L	Monitored & Switched per Outlet	11.5 (NA)/11.0 (EU)	OU FULL	IEC 60309 3P+N+E 6h 20A/16A (IP44)	3-Phase	20 (NA)/16 (EU)	(24)C13/C15, (24)C13/C15/C19/C21

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G6 Intelligent PDU



- High-density design supports space-constrained racks
- Outlet-level switching enables remote power control
- Advanced metering ensures accurate energy tracking
- Hot-swappable network module simplifies serviceability
- Secure firmware and encrypted protocols enhance cybersecurity
- Color-coded outlets streamline load identification

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P12E20G



P12E21G



P12E22G



P16D20G



P16D21G

Part Number	Rack PDU Type	Apparent Power (kVA)	PDU Form Factor	Plug Type	Phase	Input Amperage (A)	Output Receptacles
P12E20G	Monitored & Switched	1.4	OU HALF	NEMA 5-15P	Single-Phase	15	(12)5-20R
P12E21G		1.9		NEMA 5-20P		20	
P12E22G				NEMA L5-20P			
P16D20G	Monitored Input	1.4	OU HALF	NEMA 5-15P	Single-Phase	15	(16)5-20R
P16D21G		1.9		NEMA 5-20P		20	
P16D22G				NEMA L5-20P			
P16E24G	Monitored & Switched	3.3	OU MID	NEMA L6-20P	3-Phase	16	(12)C13, (4)C19
P16E27G		3.7		IEC 60309 2P+E 6h 16A (IP44)			
P18E23G		2.9		NEMA L5-30P		30	(18)5-20R
P24D01G	Monitored Input	8.6	NEMA L21-30P	(18)C13, (6)C19			
P24D03G		7.4	IEC 60309 2P+E 6h 32A (IP44)		32	(20)C13, (4)C19	
P24D07G		5	NEMA L6-30P				30
P24D23G		2.9	NEMA L5-30P	20	(24)5-20R		
P24D24G		3.3	NEMA L6-20P		30	(20)C13, (4)C19	
P24D27G		8.6	NEMA L15-30P	3-Phase		(18)C13, (6)C19	
P24D34G		17.3	OU FULL		IEC 60309 3P+E 9h 60A (IP44)	60	(12)C13, (12)C19
P24D40G		3.7	OU MID	IEC 60309 2P+E 6h 16A (IP44)	Single-Phase	16	(20)C13, (4)C19
P24D43G		22.0	OU FULL	IEC 60309 3P+N+E 6h 32A (IP44)	3-Phase	32	(12)C13, (12)C19
P24E01G	Monitored & Switched	7.4		IEC 60309 2P+E 6h 32A (IP44)	Single-Phase		(20)C13, (4)C19
P24E03G	Monitored & Switched	22.0	OU FULL	IEC 60309 3P+N+E 6h 32A (IP44)	3-Phase	32	(12)C13, (12)C19

G6 Intelligent PDU (continued)

Part Number	Rack PDU Type	Apparent Power (kVA)	PDU Form Factor	Plug Type	Phase	Input Amperage (A)	Output Receptacles	
P24E04G	Monitored & Switched	3.7	OU MID	IEC 60309 2P+E 6h 16A (IP44)	Single-Phase	16	(20)C13, (4)C19	
P24E28G		5	OU FULL	NEMA L6-30P	3-Phase	30	(18)C13, (6)C19	
P24E29G		8.6		NEMA L15-30P				
P24E30G				NEMA L21-30P				
P24E32G		17.3		IEC 60309 3P+E 9h 60A (IP44)		60	(12)C13, (12)C19	
P24F01G	Monitored per Outlet	5		OU FULL	NEMA L6-30P	Single-Phase	30	(20)C13, (4)C19
P24G01G	Monitored & Switched per Outlet		8.6		NEMA L15-30P	3-Phase		(18)C13, (6)C19
P24G02G		NEMA L21-30P						
P24G03G		17.3	IEC 60309 3P+E 9h 60A (IP44)		60	(12)C13, (12)C19		
P24G05G		7.4	IEC 60309 2P+E 6h 32A (IP44)		Single-Phase	32	(20)C13, (4)C19	
P24G06G			22.0	IEC 60309 3P+N+E 6h 32A (IP44)	3-Phase		(12)C13, (12)C19	
P24G08G	3.7		OU MID	IEC 60309 2P+E 6h 16A (IP44)	Single-Phase	16	(20)C13, (4)C19	
P30D02G	Monitored Input	8.6	OU FULL	NEMA L21-30P	3-Phase	30	(18)C13, (6)C19, (6)5-20R	
P30D05G		11	OU MID	IEC 60309 3P+N+E 6h 16A (IP44)		16	(24)C13, (6)C19	
P32E06G	Monitored & Switched	5.0 (NA)/7.4 (EU)	OU FULL	IEC 60309 2P+E 6h 32A (IP44)	Single-Phase	32	(24)C13, (8)C19	
P32F10G	Monitored per Outlet						7.4	(28)C13, (6)C19
P34D41G	Monitored Input	8.6		NEMA L15-30P	3-Phase	30	(30)C13, (6)C19	
P36D08G		8.3		CS8365	Single-Phase	50		
P36D26G		10			IEC 60309 3P+E 9h 60A (IP44)		3-Phase	
P36D29G		14.4		IEC 60309 3P+N+E 6h 16A (IP44)		16		
P36D30G		17.3	OU FULL - Wide	IEC 60309 3P+N+E 6h 32A (IP44)	32	(24)C13, (12)C19		
P36D31G	11	CS8365		50	(30)C13, (6)C19			
P36E08G	Monitored & Switched	5	NEMA L6-30P	Single-Phase		30		
P36E09G		8.6	NEMA L15-30P	3-Phase			16	
P36E12G		Monitored per Outlet	11			IEC 60309 3P+N+E 6h 16A (IP44)		30
P36E33G			5	NEMA L6-30P		Single-Phase	30	
P36E34G	Monitored & Switched per Outlet	11	IEC 60309 3P+N+E 6h 16A (IP44)	16	(24)C13, (12)C19			
P36E35G		22.0	OU FULL - Wide	IEC 60309 3P+N+E 6h 32A (IP44)		32		
P42G21G		Monitored & Switched per Outlet	34.5 (NA)/43.6 (EU)	OU FULL	IEC 60309 3P+N+E 6h 60A/63A (IP44)	3-Phase	63	(21)C13/C15, (21)C13/C15/C19/C21

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G6 Intelligent PDU (continued)

Part Number	Rack PDU Type	Apparent Power (kVA)	PDU Form Factor	Plug Type	Phase	Input Amperage (A)	Output Receptacles
P44G14G	Monitored & Switched per Outlet	7.4	OU FULL - Wide	IEC 60309 2P+E 6h 32A (IP44)	Single-Phase	32	(38)C13, (6)C19

Non-Locking C19 Power Cord

- C19 connector supports high-power IT and industrial equipment
- Non-locking design enables quick disconnect for maintenance
- Durable jacket resists wear in demanding environments
- Available in multiple lengths for flexible routing



PWRCRD1



PWRCRD2

Part Number	Plug Type	Connector Type	Cable Type	Overall Length ft. (m)
PWRCRD1	IEC 60309 2P+E 6h 16A (IP44)	IEC60320 C19	Rack power distribution unit to IT device	9.84 (3)
PWRCRD2	Schuko CEE 7			

G5 Serial Communication Cable

- Enables serial communication between G5 iPDUs
- Supports cascading for shared network access
- Locking connectors ensure secure, reliable data transfer
- Flexible cable design simplifies rack-level routing



MA001

Part Number	Short Description	Overall Length In. (mm)
MA001	Serial Communication Cable	39.4 (1000)

G5 iPDU Power Share Patch Cord

- Enables power sharing between compatible G5 iPDU
- Locking connectors ensure secure in-rack connections
- Flexible cable design simplifies routing in dense environments
- Supports load balancing across multiple power sources



MA031

Part Number	Short Description	For Use With	Overall Length In. (mm)	Maximum Operating Temperature °F (°C)	Std. Pkg. Qty.	Std. Ctn. Qty.
MA031	G5 iPDU Power Share Patch Cord (RJ45 Male To RJ45 Male)	G5 PDUs	180 (4572)	140 (60)	1	25

Smart Rack Handle

- Enables electronic locking and access tracking at the rack level
- Integrates with centralized security systems for streamlined control
- LED indicators provide visual access status at a glance
- Durable construction supports high-traffic environments
- Compatible with patch cords and harnesses for fast deployment



ACF05



ACF06

Part Number	Short Description	For Use With
ACF05	Intelligent Rack Security Handle with Humidity Sensor	G5, G6, EL2P PDUs and UPS
ACF06	Intelligent Rack Security Handle with Humidity Sensor and Keypad	

Smart Rack Security Handle Harness

- Connects multiple smart handles to centralized control units
- Pre-terminated harness simplifies rack-level installation
- Durable construction supports long-term reliability
- Streamlined layout reduces cable clutter in dense environments



ACF20

Part Number	Short Description	For Use With
ACF20	Intelligent Rack Security Handle Harness	Smart Rack Handle ACF05 or ACF06

Smart Rack Security Handle Patch Cord

- Connects smart handles to rack access control systems
- Locking connectors ensure secure and stable communication
- Flexible cable design simplifies routing in tight spaces
- Supports real-time access logging and monitoring



MA030

Part Number	For Use With	Overall Length In. (mm)	Maximum Operating Temperature °F (°C)	Std. Pkg. Qty.	Std. Ctn. Qty.
MA030	Smart Rack Handle ACF05 or ACF06	132 (3353)	140 (60)	1	25

Cabinets,
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Mgmt,
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Systems

Temperature and Door Sensor

- Tracks ambient temperature for thermal oversight
- Detects door status to monitor physical access
- Compact probe simplifies rack or cabinet placement
- Compatible with select iPDUs for integrated visibility



ACF10

Part Number	For Use With
ACF10	Smart Rack Handle ACF05 or ACF06

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

Three-Temperature and Door Sensor

- Monitors up to three temperature zones for precise control
- Integrated door sensor detects unauthorized access
- Compact form factor simplifies rack or cabinet installation
- Compatible with select iPDUs for centralized visibility



ACF11

Part Number	For Use With	Maximum Operating Temperature (°C)	Maximum Operating Temperature (°F)
ACF11	Smart Rack Handle ACF05 or ACF06	60	140

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Universal PDU Cordset

- Supports global power configurations with universal compatibility
- High-durability jacket withstands data center environments
- Multiple plug types streamline international deployments
- Optimized length options simplify cable management



UPDUCRD1

Part Number	Connector Type	Plug Type	Input Voltage (V)	Amperage (A)	Overall Length ft. (m)
UPDUCRD1	Universal PDU	IEC 60309 3P+N+E 6h 32A (IP44)	415	32	10 (3)

Dual-Locking C14 Power Cord



- Dual-locking ends prevent accidental disconnects at both ends
- C14 connector supports standard rack-mounted equipment
- Durable jacket resists wear in high-density environments
- Available in multiple lengths for flexible installation



PLD02BL



PLD02BU



PLD02RD

Part Number	Input Voltage (V)	Amperage (A)	Color	Overall Length ft. (m)
PLD02BL	250	10	Black	2 (0.6)
PLD02BU			Blue	
PLD02RD			Red	
PLD04BL			Black	4 (1.2)
★ PLD04BU			Blue	
★ PLD04RD			Red	
PLD06BL			Black	6 (1.8)
★ PLD06BU			Blue	
★ PLD06RD			Red	
PLD08BL			Black	8 (2.4)
★ PLD08BU			Blue	
★ PLD08RD			Red	

Dual-Locking C20 Power Cord



- Dual-locking connectors prevent accidental disconnection
- C20 interface supports high-current equipment reliably
- Rugged jacket resists abrasion in dense rack environments
- Available in multiple lengths for optimized cable routing



LPCB01-X

LPCB06-X

LPCB11-X

Part Number	Input Voltage (V)	Amperage (A)	Color	Overall Length ft. (m)
LPCB01-X	250	16	Red	2 (0.6)
LPCB02-X				4 (1.2)
LPCB03-X				6 (1.8)
LPCB04-X				8 (2.4)
LPCB06-X			Blue	2 (0.6)
LPCB07-X				4 (1.2)
LPCB08-X				6 (1.8)
LPCB09-X				8 (2.4)
LPCB11-X			Black	2 (0.6)
LPCB12-X				4 (1.2)
LPCB13-X				6 (1.8)
LPCB14-X				8 (2.4)

G5 PDU Yost Serial Data Cable Assembly

- Enables serial data transfer between G5 PDUs and external systems
- Yost configuration supports standard console connections
- Durable cable construction ensures long-term performance
- Compact design simplifies cable routing in rack environments



MA017

Part Number	Short Description
MA017	G5 PDU Yost Serial Dongle

G5 Sensor Hub Mounting Bracket

- Provides stable mounting for G5 sensor hubs in rack environments
- Streamlined design supports quick installation and cable routing
- Durable construction ensures long-term reliability



MA014

Part Number	Short Description
MA014	G5 Sensor Hub Mounting Bracket

Intelligent PDU Replacement Controller

- Replacement controller option restores full iPDU functionality without replacing the unit
- Hot-swappable design allows quick service with no downtime for connected equipment
- Maintains full monitoring and control features to protect IT assets
- Supports plug-and-play commissioning for simplified installation
- Available in wired or wireless options to fit specific data center needs



CNT05



MA002



MA005



MA102

Part Number	Product Type	For Use With
CNT05	Vertical Controller	EL2P PDUs
MA002		G5 PDUs
MA005	Horizontal Controller	
MA102	Vertical Controller	G6 PDUs

G5 Magnetic Sensor Mounting Bracket for Front Door

- Magnetic base enables fast, non-invasive installation
- Secures environmental sensors to metal surfaces without hardware
- Compact design supports flexible placement in tight spaces



MA015

Part Number	Short Description
MA015	G5 2 Piece Mag Sensor Mounting Bracket Front Door

G5 Magnetic Sensor Mounting Bracket for Rear Door

- Magnetic base secures sensor to rear door without hardware
- Designed for optimal placement of door sensors in G5 deployments
- Compact form factor supports tight-space installations



MA016

Part Number	Short Description
MA016	G5 2 Piece Mag Sensor Mounting Bracket Rear Door

PDU Flat eBracket

- Flat design supports flush mounting in tight rack spaces
- Compatible with standard PDU form factors for versatile use
- Rigid structure ensures stable, long-term installation



MA021

Part Number	Short Description	Overall Width In. (mm)	Overall Height In. (mm)
MA021	PDU Flat eBracket (Set of two)	6.3 (160)	3.5 (89)

PDU Offset eBracket

- Offset design preserves airflow and cable clearance
- Compatible with multiple PDU sizes and orientations
- Rigid construction ensures secure rack attachment



MA020

Part Number	Short Description	Overall Width In. (mm)	Overall Height In. (mm)
MA020	PDU Off-Set eBracket	6.2 (158)	3.5 (89)

PDU Universal Mounting Bracket

- Supports vertical or horizontal mounting of PDUs
- Universal fit accommodates multiple PDU models and sizes
- Durable construction ensures long-term rack stability
- Streamlined design simplifies cable management



MA019

Part Number	Short Description	Overall Width In. (mm)	Overall Height In. (mm)
MA019	PDU Universal Mounting Bracket (Set of two)	4 (102)	3.5 (89)

Small Diameter G5 PDU Mounting Buttons and Screws

- Low-profile design supports tight-clearance rack installs
- Precision threading ensures stable, vibration-resistant mounting
- Compatible with G5 PDU form factors for consistent fit



MA018

Part Number	Short Description
MA018	Small Diameter G5 PDU Mounting Buttons and Screws (20pcs)

UPS 1-3kVA VRLA

- VRLA battery design supports reliable short-to-mid runtime
- Compact footprint fits edge, branch, or small IT environments
- LCD panel enables quick status checks and configuration
- Cold-start capability powers loads during utility outages
- Optional network card supports remote monitoring



U01N11V

U01N13V

U02N11V

U03N11V

Part Number	Battery Type	UPS Topology	Battery Voltage (V dc)	Output Capacity (kVA)	Nominal Input Voltage (V)	Phase	Number of Rack Units	Network Card
★ U01N11V	VRLA	Double Conversion	36	1	110/120	Single-Phase	2	Yes
U01N13V			24					
★ U02N11V			48	2				
★ U03N11V			72	3				

UPS 5-10kVA VRLA

- Double-conversion topology ensures consistent power quality
- VRLA battery configuration supports extended runtime options
- LCD interface streamlines monitoring and configuration
- Rack or tower form factor adapts to varied deployment needs
- Hot-swappable batteries reduce maintenance-related downtime
- Integrated bypass maintains load during service events



U05N11V

Part Number	Battery Type	UPS Topology	Battery Voltage (V dc)	Output Capacity (kVA)	Nominal Input Voltage (V)	Phase	Number of Rack Units	Network Card
U05N11V	VRLA	Double Conversion	240	5	208/240	Single-Phase	6	Yes
U06N11V				6				
U10N11V				10				

UPS Lithium-Ion

- Lithium-ion batteries deliver longer lifecycle and faster recharge
- Compact design reduces footprint in edge and core deployments
- Advanced battery management enhances performance and safety
- Hot-swappable modules support uninterrupted maintenance
- Integrated LCD simplifies system monitoring and control
- Compatible with external battery packs for scalable runtime



U01N11L

U01N14L

U02N11L

U03N11L

U05N11L

Part Number	Battery Type	UPS Topology	Battery Voltage (V dc)	Output Capacity (kVA)	Nominal Input Voltage (V)	Phase	Number of Rack Units	Network Card	
U01N11L	Lithium-Ion	Line Interactive	24	1	110/120	Single-Phase	4	Yes	
U01N14L		Double Conversion	25.6				2		
U02N11L		Line Interactive	48	1.5			4		
U02N14L		Double Conversion	25.6	2			2		
U03N11L		Line Interactive	72	3			4		
U03N14L		Double Conversion	25.6	208/240	Single-Phase	2			
U03N15L			192			5	4		
U05N11L						6			
U06N11L						10			
U10N11L									

Lithium-Ion 5-10kVA External Battery Pack

- Compact footprint supports space-constrained deployments
- Lithium-ion chemistry delivers longer lifecycle vs. VRLA
- Quick-connect design streamlines installation and replacement
- Intelligent battery management optimizes charge cycles
- High energy density extends backup time without added bulk
- Compatible with 5–10kVA UPS systems for scalable power

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index



UVPL12H

Part Number	For Use With	Mount Orientation	Number of Rack Units	Nominal Output Voltage (V)
UVPL12H	U05N11L, U06N11L, U10N11L, U05N12L, U06N12L, U10N12L	Horizontal/Vertical	2	192

VRLA External Battery Pack

- Valve-regulated lead-acid design ensures dependable performance
- Modular configuration supports scalable runtime expansion
- Front-access terminals simplify maintenance and replacement
- Rugged enclosure enhances durability in demanding environments
- Compatible with select UPS systems for seamless integration



UVP024

UVP036

UVP048

UVP072

UVP240

Part Number	For Use With	Mount Orientation	Number of Rack Units	Nominal Output Voltage (V)
UVP024	U01S13V, U01N13V	Horizontal/Vertical	2	24
UVP036	U01S12V, U01S11V, U01N12V, U01N11V			36
UVP048	U02S12V, U02S11V, U02N12V, U02N11V			48
UVP072	U03S12V, U03S11V, U03N12V, U03N11V			72
UVP240	U06S12V, U10S12V, U05S11V, U06S11V, U10S11V, U06N12V, U10N12V, U05N11V, U06N11V, U10N11V		3	240

Door Switch Sensor



- Detects unauthorized access to rack enclosures
- Integrates with UPS monitoring for security alerts
- Compact sensor design simplifies installation



ACA01

Part Number	For Use With	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Maximum Operating Temperature °F (°C)
ACA01	G5, G6, EL2P PDUs and UPS	78.74 (2000)	1.14 (28.9)	0.75 (19)	149 (65)

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Sensor Hub

- Monitors temperature and humidity for critical equipment zones
- Compact housing allows flexible placement in rack environments
- Real-time data enables proactive thermal management
- Compatible with Panduit PDU systems for seamless integration



EF001

Part Number	For Use With	Overall Length In. (mm)	Overall Height In. (mm)
EF001	G5, G6, EL2P PDUs and UPS	3.3 (83.8)	1.06 (26.9)

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

Temperature and Humidity Sensor

- Monitors ambient temperature near UPS equipment
- Compact design simplifies sensor placement
- Enables real-time environmental data tracking



EB001

Part Number	For Use With	Overall Length In. (mm)
EB001	G5, G6, EL2P PDUs and UPS	81.06 (2059)

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index

Temperature Sensor

- Detects water presence for early leak alerts
- Compact sensor fits easily in rack or floor spaces
- Enhances uptime through proactive environmental monitoring



EA001

Part Number	For Use With	Overall Length In. (mm)
EA001	G5, G6, EL2P PDUs and UPS	79 (2000)

Three-Temperature and Humidity Sensor

- Tracks ambient temperature for rack-level monitoring
- Compact form factor allows flexible sensor placement
- Enables real-time thermal data collection
- Integrates with Panduit PDUs for streamlined visibility



EC001

Part Number	For Use With	Overall Length In. (mm)
EC001	G5, G6, EL2P PDUs and UPS	116 (2950)

UPS Intelligent Network Management Card

- Enables remote monitoring and control of UPS systems
- Supports SNMP and web-based management interfaces
- Enhances visibility for proactive power infrastructure oversight
- Integrates easily with existing network environments



UNCP01

Part Number	For Use With	Software Compatibility	Network Compatibility
UNCP01	1-20 kVA Units	Linux, Windows 11, Windows Server 2022	10/100 BaseT

UPS Rack Mount Rail Kit

- Enables secure rack mounting of compatible UPS units
- Tool-less design streamlines installation and maintenance
- Sturdy steel construction enhances structural support
- Adjustable rails accommodate varied rack depths
- Optimized for space efficiency in high-density deployments



URMKIT2

Part Number	Mount Orientation	Number of Rack Units	For Use With
URMKIT2	Horizontal	2	1-20 kVA Units

UPS Relay Card

- Restores full runtime capacity to compatible UPS units
- Hot-swappable design minimizes downtime during replacement
- Pre-assembled cartridge simplifies installation
- Engineered for reliable power delivery and long service life



URC005

Part Number	For Use With
URC005	1-10kVA Single Phase Units

UPS Step-Down Transformer

- Monitors ambient temperature and humidity near UPS
- Enables proactive environmental management
- Compact form factor fits easily within rack layouts
- Supports real-time data for system optimization
- Designed for compatibility with Panduit UPS systems



UTFMRDU

Part Number	Mount Orientation	Number of Rack Units	Phase	Nominal Input Voltage (V)	Input Frequency Range (Hz)	Input Plug	Input Cord Length ft. (m)	Output Receptacles
UTFMRDU	Horizontal/Vertical	2	Single-Phase	208	50 - 60	NEMA L6-30P	2 (0.6)	(1) L6-30R, (12) 5-20R

UPS Tower Stabilizer Bracket

- Enables secure rack mounting of UPS units
- Streamlined installation reduces setup time
- Durable construction supports long-term reliability
- Compatible with Panduit UPS models for seamless integration
- Optimized for space efficiency in rack environments



UTOWFT

Part Number	Battery Type	For Use With	Network Card
UTOWFT	VRLA	All 1-10kVA UPS & EBP	No

UPS/EBP Mounting Bracket

- Supports secure tray-style mounting of UPS units
- Simplifies installation in standard rack configurations
- Sturdy design ensures stable equipment positioning



U2PTRMT

Part Number	Mount Orientation	Number of Rack Units	For Use With
U2PTRMT	Horizontal	2	U01S12V, U02S12V, U03S12V, U01S12L, U02S12L, U03S12L, U01S11V, U02S11V, U03S11V, U01N12V, U02N12V, U03N12V, U01N12L, U02N12L, U03N12L, U01N11V, U02N11V, U03N11V, U01N11L, U02N11L, U03N11L, UVP024, UVP036, UVP048, UVP072



Industrial Uninterruptible Power Supply (UPS)

- Ultracapacitor technology replaces batteries for maintenance-free operation, eliminating HazMat disposal costs and hydrogen gas buildup concerns
- 100W max output with 1.0 minute hold time provides reliable backup power for managed switches, micro PLCs, and HMIs in critical applications
- Remote management via Ethernet with SNMP v1/v2c/v3 enables real-time monitoring
- Integrates seamlessly with FactoryTalk and standard web browsers without proprietary software requirements
- Compact 80mm DIN rail design saves valuable panel space—less than half the size of typical battery UPS systems for easy installation
- Delivers consistent performance in harsh industrial environments without capacity degradation
- cULus, UL 508 approved for integration into NEMA control panels with Class I/II Division 2 and Class III Hazardous Location ratings
- Optional Load Sense Module (UPS003LSM) provides hold time prediction capability in single or dual power supply applications



UPS00100DC

Part Number	Short Description	Std. Pkg. Qty.	Std. Ctn. Qty.
UPS00100DC	Uninterruptible Power Supply, 100 W, 24V DC	1	4

UPS Load Sense Module

- Integrates seamlessly with UPS00100DC for enhanced power management
- Enables hold time prediction in single or dual power supply applications
- Provides real-time load monitoring allowing operators to anticipate power requirements and optimize UPS performance
- Simple installation connects directly to UPS unit for immediate load sensing functionality without complex configuration
- Supports dual power supply monitoring
- Compatible with remote management interface



UPS003LSM

Part Number	For Use With	Std. Pkg. Qty.	Std. Ctn. Qty.
UPS003LSM	UPS00100DC	1	30



Safety & Security

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Verify Absence of Voltage in

10 Seconds, Not 20 Minutes

Unlike traditional methods that require complex procedures, VeriSafe **reduces testing time from up to 20 minutes to just 10 seconds**, enhancing safety and efficiency while ensuring compliance with industry standards.

- ▶ Completes verification in 10 seconds vs. 20 minutes
- ▶ Reduces human error for mechanical and electrical workers
- ▶ Meets standards without training burden



For more information, visit
panduit.com/verisafe

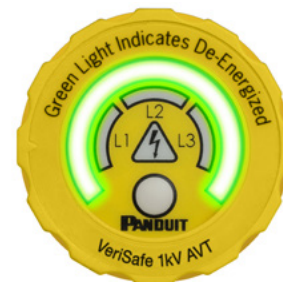
PANDUIT®



Which Technology Should I Use?



The next-generation VeriSafe™ Absence of Voltage Tester (AVT) has an enhanced set of features and will be compatible with additional applications. The VeriSafe 1kV AVT uses new technology for the connectivity test and voltage threshold measurement, making it more robust for many applications.



Features	VeriSafe 600V AVT	VeriSafe 1kV AVT
Maximum Voltage (Nominal)	600 VAC (50/60Hz), 600 VDC	1000 VAC (50/60Hz), 1000 VDC
Overvoltage Category		
CAT III	600 V	1000 V
CAT IV	300 V	600 V
Voltage Presence Indicators (Red LEDs)	AC only	AC & DC
Network Compatible	No	Yes
Power for AVT Test (Yellow and Green LEDs)	3.6 V Lithium Battery	3.6 V Lithium Battery 12-24 VDC PoE*
Dedicated DC/Single-Phase SKUs	No	Yes
Operating Temperature	-13°F to 140°F (-25°C to 60°C)	-13°F to 140°F (-25°C to 60°C)
Indicator Module Options		
Battery Powered (IP 66, 67, 69; Type 1, 12, 13, 4, 4X)	✓	✓
Battery Free (IP 66, 67, 69K; Type 1, 12, 13, 4, 4X)	–	✓
Maximum Number of Indicator Modules	1	2
Hazardous Locations		
Class I Division 2 (gas)	–	✓
Class II Division 2 (dust)	–	✓
Class I, Zone 2, Zone 22 (US and CAN)	–	✓
Outputs		
Absence of Voltage (Green LED – SIL 3)	✓	✓
Voltage Presence (Red LEDs)	–	✓
Voltage Reporting	–	Measured Values*

*Requires 1kV AVT Network Module (VS2-NET)

VeriSafe™ 600V Absence of Voltage Tester



- Test for absence of voltage with the push of a button
- Meet the NFPA 70E and CSA-Z462 best practice for testing for absence of voltage, enabling your facility to operate safer, smarter, and more efficiently
- Reduces the risk of exposure of electrical hazards for improved worker safety
- Reduces testing procedure time and complexity to improve productivity
- Supports compliance when used to verify the electrical lockout/tagout process as described in NFPA 70E
- Maximum voltage: 600 V



VS-AVT-C02-L03



VS-AVT-C08-L10

Part Number	For Use With	Maximum Voltage (V ac)	Power Source	Cable Length ft. (m)	Sensor Lead Length ft. (m)	Std. Pkg. Qty.
★ VS-AVT-C02-L03	3-Phase AC systems	600	Lithium Battery	2 (0.6)	3 (0.9)	1
★ VS-AVT-C08-L10				8 (2.44)	10 (3)	

VeriSafe™ 1kV Absence of Voltage Tester



- Test for absence of voltage with the push of a button
- Meet the NFPA 70E and CSA-Z462 best practice for testing for absence of voltage, enabling your facility to operate safer, smarter, and more efficiently
- Reduces the risk of exposure of electrical hazards for improved worker safety
- Reduces testing procedure time and complexity to improve productivity
- Supports compliance when used to verify the electrical lockout/tagout process as described in NFPA 70E
- Maximum voltage: 1,000 V



VS2-AVT-1PB-02



VS2-AVT-1PB-08



VS2-AVT-1PB-16



VS2-AVT-1PF-02



VS2-AVT-1PF-08

Part Number	For Use With	Power Source	Cable Length ft. (m)
★ VS2-AVT-1PB-02	1-Phase AC systems, DC systems	Lithium Battery, 12-24 VDC, PoE	2 (0.6)
VS2-AVT-1PB-08			8 (2.44)
VS2-AVT-1PB-16			16 (4.88)
★ VS2-AVT-1PF-02	1-Phase AC systems, DC systems	12-24 VDC, PoE	2 (0.6)
VS2-AVT-1PF-08			8 (2.44)
VS2-AVT-1PF-16			16 (4.88)
★ VS2-AVT-3PB-02	3-Phase AC systems	Lithium Battery, 12-24 VDC, PoE	2 (0.6)
★ VS2-AVT-3PB-08			8 (2.44)
VS2-AVT-3PB-16			16 (4.88)
★ VS2-AVT-3PF-02	3-Phase AC systems	12-24 VDC, PoE	2 (0.6)

VeriSafe™ 1kV Absence of Voltage Tester (continued)

Part Number	For Use With	Power Source	Cable Length ft. (m)
VS2-AVT-3PF-08	3-Phase AC systems	12-24 VDC, PoE	8 (2.44)
VS2-AVT-3PF-16			16 (4.88)

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

VeriSafe™ 600V System Cable

- Easily connect to your electrical system to verify the absence of voltage before working
- For use with VeriSafe 600V AVT only



VS-AVT-CABLE-02

Part Number	Overall Length (ft.)
VS-AVT-CABLE-02	2
VS-AVT-CABLE-04	4
VS-AVT-CABLE-08	8
VS-AVT-CABLE-16	16
VS-AVT-CABLE-20	20
VS-AVT-CABLE-30	30

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

VeriSafe™ Connection Kit



- Provide a fast, secure, and reliable way to terminate AVT sensor leads
- The compact connector design accommodates up to two taps in a single housing that fully insulates both connections
- The connector allows taps to be made without compromising the integrity of conductors and includes integrated strain relief
- Ideal for new and retrofit applications, connections can be made without modifying existing conductor runs
- Additional connection options and cable accessories can be found at panduit.com/verisafe



VS-CKP14-6



VS-CKP1K4/0-500



VS-CKP4-000

Part Number	Includes	Maximum Voltage (V)
★ VS-CKP14-6	(3) Connectors for Installation of (1) AVT	600
VS-CKP1K4/0-500		1000
VS-CKP4-000		600

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
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VeriSafe™ 1kV Network Module



- Keep doors and covers closed for monitoring and troubleshooting
- View AVT test results and data logs
- Use voltage and test data to trigger alerts in your control system
- Ethernet connectivity
- Solid state I/O contacts
- Custom Add on Profile for easy integration in Rockwell Automation Studio 5000, Automatic Diagnostics ready

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
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Signs,
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VS2-NET

Part Number	For Use With
★ VS2-NET	VeriSafe 2.0 AVT



Explore our Electrical Infrastructure
catalog at panduit.com/catalogs



Signs, Labels & Identification

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When Production Cannot Wait for Labels

Assembly lines cannot wait for labels, and illegible identification causes costly rework and failed inspections. Thermal transfer desktop printers deliver up to 600 DPI clarity that keeps pace with production.



High Print Resolution

Up to 600 DPI for crisp, clear, legible print quality



Maximize Printing Efficiency

Fast label production for high volume applications



Clear Compliance

Prevents costly inspection failures



For more information, visit
panduit.com/desktop-printers

PANDUIT®

Label Smarter, Faster and Easier

PXE™ Mobile Printers **enable on site printing that survives the drops, dust, and temperature extremes** that kill consumer grade units. Panduit and Epson together provide **best-in-class print quality** with industry-leading labeling and software capabilities.



Best-In-Class Solution

Exceptional print quality and speed



Industrial Durability

Survives harsh job site conditions



Panduit + Epson Quality

Field-tested reliability partnership

PANDUIT™

EPSON

PORTABLE LABELING SOLUTION PARTNERS



For more information, visit
panduit.com/mobile-printers

PANDUIT®

Turn-Tell® Thermal Transfer Label

- Innovative label design allows labels to rotate for visibility from any angle, and for repositioning on the wire/cable to align legends and improve aesthetics
- Labels can be easily installed on existing terminated wires and assemblies without disconnecting the wires/ cables
- Use thermal transfer hybrid ribbon
- Labels are roll mounted on 3.00 inches cores



R100X150V1T



R100X225V1T

Part Number	Color	Compatible Wire Gauge	Overall Length In. (mm)	Overall Width In. (mm)	Print-On Area Height In. (mm)	Compatible Cable Diameter Range In. (mm)	Number of Labels
R100X150V1T	White	10-6 AWG	1.5 (38.1)	1 (25.4)	0.5 (12.7)	0.22 – 0.28 (5.6 – 7.1)	2500
R100X225V1T		8-4 AWG	2.25 (57.2)		0.75 (19.1)	0.28 – 0.39 (7.1 – 9.9)	

When using the TDP43ME printer and a 3.00 inch core, the roll stand (TDP43ME-RS) is required

Turn-Tell® Laser/Inkjet Label

- Rotates 360° for easy identification on wires and cables
- Ensures visibility from any angle



R100X150X1J

Part Number	Color	Compatible Wire Gauge	Compatible Cable Diameter Range In. (mm)	Overall Length In. (mm)	Overall Width In. (mm)	Print-On Area Height In. (mm)	Number of Labels per Row	Number of Labels per Sheet	Std. Pkg. Qty.
R100X150X1J	White	10-6 AWG	0.22 – 0.28 (5.6 – 7.1)	1.5 (38.1)	1 (25.4)	0.5 (12.7)	6	24	1000
R100X225X1J		8-4 AWG	0.28 – 0.39 (7.1 – 9.9)	2.25 (57.2)		0.75 (19.1)		18	

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Vinyl Thermal Transfer Self-Laminating Label



- Includes a colored print-on area and clear over-laminate to protect the legend for clear and durable identification
- Sized specifically for wire and cable applications
- Thin and conformable
- Preferred material for most general wire/cable labeling
- Use thermal transfer hybrid ribbon
- Not recommended for flag applications
- Labels are mounted on 3.00 inch cores



S100X150VATY

Part Number	Color	Compatible Wire Gauge	Compatible Cable Diameter Range In. (mm)	Overall Length In. (mm)	Overall Width In. (mm)	Print-On Area Height In. (mm)	Number of Labels	Label Property
S100X150VATY	White	10-6 AWG	0.16 – 0.32 (4.1 – 8.1)	1.5 (38.1)	1 (25.4)	0.5 (12.7)	5000	Flammability
S100X225VATY		8-4 AWG	0.24 – 0.48 (6.1 – 12.1)	2.25 (57.2)		0.75 (19)		

When using the DP4300M printer and a 3.00 inch core, the roll stand (TDP43ME-RS) is required

Polyester Laser/Inkjet Self-Laminating Label

- Labels can be printed in both laser and ink jet printers
- Self-laminating adhesive labels include a colored print-on area and clear overlamine
- Provide durability
- High-temperature resistance, and dimensional stability
- Do not stretch or easily tear
- Preferred method for wire/cable labeling
- Meets ASTM E-595 for air space handling (white only)
- Not recommended for flag applications



S100X150YAJ

Part Number	Label Dimensions (In.)	Color	Material	Printer Type	Compatible Wire Gauge	Compatible Cable Diameter Range In. (mm)	Label Property	Number of Labels	Number of Labels per Row	Number of Labels per Sheet	Std. Pkg. Qty.	Std. Ctn. Qty.
S100X150YAJ	1.5L x 1W	White	Polyester	Laser/ Inkjet	10-6 AWG	0.16 – 0.32 (4.1 – 8.1)	Approved for Air Handling Spaces, Halogen Free	2500	7	42	2500	10000

Polyester Laser/Inkjet Self-Laminating Label (continued)

Part Number	Label Dimensions (In.)	Color	Material	Printer Type	Compatible Wire Gauge	Compatible Cable Diameter Range In. (mm)	Label Property	Number of Labels	Number of Labels per Row	Number of Labels per Sheet	Std. Pkg. Qty.	Std. Ctn. Qty.
★ S100X225YAJ	2.25L x 1W	White	Polyester	Laser/Inkjet	8-4 AWG	0.24 – 0.48 (6.1 – 12.2)	Approved for Air Handling Spaces, Halogen Free	1000	8	32	1000	5000

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Copper
Systems

PXE™ MP300 Mobile Label Printer

- High resolution 360 dpi output delivers precision for demanding applications
- Prints die-cut and continuous labels up to 1.5 in wide for maximum versatility
- Fast 1.4 in per second print speed accelerates large projects
- Automatic full or half cut improves efficiency and label handling
- Onboard keyboard and Easy-Mark Plus compatibility support flexible workflows
- USB connectivity enables seamless PC-driven printing
- Magnetic attachment enhances stability during field work
- Rechargeable Li-ion battery pack supports extended use across job sites



MP300

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Part Number	Includes
★ MP300	(1) MP300 Printer, (1) S100X150VAM Self-Laminating Label Cassette, (1) Hard Carrying Case, (1) Li-Ion Rechargeable Battery Pack, (2) Magnetic Attachments, (1) USB Cable, (1) AC Power Adapter with North America Power Cord

Safety &
Security

PXE™ Turn-Tell® Label Cassette

- Fast-loading label cassette includes both label material and ribbon to make changing labels easy
- Innovative label design allows labels to rotate for visibility from any angle, and for repositioning on the wire/cable to align legends and improve aesthetics
- Labels can be easily installed on existing terminated wires and assemblies without disconnecting the wires/cables
- Print-On Area Color: Black on White



R100X150V1M



R100X225V1M

Wire
Routing,
Mgmt &
Protection

Part Number	Compatible Wire Gauge	Color	Material	Label Length In. (mm)	Label Width In. (mm)	Compatible Cable Diameter Range In. (mm)	Print-On Area Height In. (mm)	Number of Labels per Cassette	Std. Pkg. Qty.	Std. Ctn. Qty.
★ R100X150V1M	10-6 AWG	White	Vinyl	1.5 (38.1)	1 (25.4)	0.22 – 0.28 (5.6 – 7.1)	0.5 (12.7)	100	5	80
R100X225V1M	8-4 AWG			2.25 (57.2)		0.28 – 0.39 (7.1 – 9.9)	0.75 (19.1)	75		

Wire
Termination

PXE™ Die-Cut Self-Laminating Label Cassette

- Fast-loading label cassette includes both label material and ribbon to make changing labels easy
- Self-laminating adhesive labels for wire/cable identification includes a white print-on area and clear over laminate
- Print-On Area Color: Black on White



S100X150VAM



S100X225VAM

Part Number	Label Dimensions (In.)	Color	For Use With	Material	Compatible Cable Diameter Range In. (mm)	Print-On Area Height In. (mm)	Number of Labels per Cassette	Std. Pkg. Qty.	Std. Ctn. Qty.
S100X150VAM	1W x 1.5H	White	MP300	Vinyl	0.16 – 0.32 (4 – 8.1)	0.5 (12.7)	175	5	80
S100X225VAM	1W x 2.25H				0.24 – 0.48 (6.1 – 12.2)	0.75 (19.1)	125		

PXE™ Vinyl Continuous Tape Cassette

- Fast-loading Label Cassette includes both label material and ribbon to make changing labels easy
- Print custom pipe markers, voltage markers, signs, bin markers, and network identification labels on demand
- For flat label applications only



T038X000VPM-BK



T100X000VPM-BK

Part Number	Color	Ribbon Color	Material	Overall Length ft. (m)	Overall Width In. (mm)	For Use With	Std. Pkg. Qty.	Std. Ctn. Qty.
T038X000VPM-BK	White	Black	Vinyl	23 (7)	0.35 (9)	MP75, MP100, MP200, MP300	5	120
T100X000VPM-BK					0.94 (24)	MP100, MP200, MP300		

PXE™ Non-Adhesive Polyester Network Component Label Cassette

- Fast-loading Label Cassette includes both label material and ribbon to make changing labels easy
- Die-cut labels designed to provide maximum aesthetic quality and appearance
- Use for identifying patch panel, faceplates, punchdown blocks, and other network system hardware



C195X040Y1M



C261X035Y1M

Part Number	Color	For Use With	Material	Overall Width In. (mm)	Overall Height In. (mm)	Number of Labels per Cassette	Std. Pkg. Qty.	Std. Ctn. Qty.
C195X040Y1M	White	MP300	Polyester	1.95 (49.5)	0.4 (10.2)	125	5	80
C261X035Y1M				2.61 (66.3)	0.35 (8.9)	100		

Easy-Mark™ Plus Labeling Software

- Powerful, easy-to-use, and affordable software that provides innovative features and functionality to address unique labeling needs
- Quickly create simple or complex labels with text boxes, lines, frames, or tables, and other useful tools
- Design detailed labels with multiple zones and objects for applications such as rating plates, arc flash labels, and fiber optic enclosures
- Simple user interface shows labels on the screen as they will be printed



EMPLUS-CD

Part Number	Media Format	Operating System Compatibility	Language Options	Note
EMPLUS-CD	CD-ROM	WINDOWS 7, 8, 8.1, 10 or 11	English, French, German, Italian, Spanish, Korean, Chinese, Portuguese, and Japanese	For use with laser and ink jet printers, TDP model printers, MP model printers, LS8E and LS8EQ model printers

Thermal Transfer Desktop Printer

- 300 dpi thermal transfer print engine delivers consistent, high-clarity labeling across applications
- Up to 5.9 in/s print speed supports efficient production for electrical and network identification tasks
- Large color touchscreen provides an intuitive interface for rapid job setup and operation
- Quick-loading media path streamlines ribbon and label roll changes to maintain uptime in the field
- Durable, lightweight construction enables deployment in industrial sites, data centers, and remote locations
- Easy-Mark™ Plus Labeling Software included to support immediate design and printing workflows
- USB, Ethernet, and serial connectivity expand integration options for varied workstation environments



TDP43ME

Part Number	Region	Connectivity	Maximum Resolution (dpi)	Includes
★ TDP43ME	North America	USB, Parallel Serial, Ethernet	300	Panduit® Easy-Mark Plus™ Labeling Software, (1) RMEH4BL Black Hybrid Ribbon, (1) AC Power Adapter with North America Power Cord, (1) USB Cable, (1) User Manual, (1) Quick Start Card, (1) Driver Disk



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Wire Routing, Management & Protection

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One Unsecured Cable.

200 Pounds of Force.
Zero Second Chances.

When short circuit current hits, unsecured cables become battering rams that destroy equipment, injure workers, and shut down operations. **Panduit cable cleats are the only manufacturer tested to both IEC 61914 and NEMA BI 50018 standards.** Deployed in offshore platforms and data centers where failure is not an option.



174kA Fault Protection

Prevents equipment destruction, time loss, and injuries



Dual Standard Certified

IEC 61914 + NEMA BI 50018 compliance



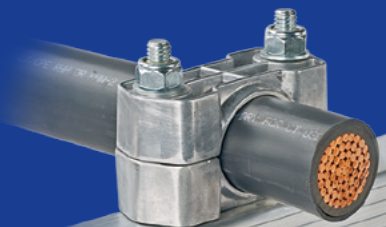
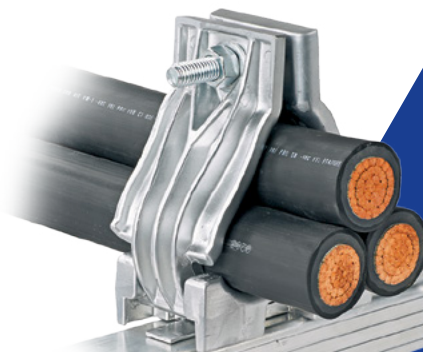
Offshore-Proven

Deployed where failure is not an option



For more information, visit
panduit.com/cable-cleats

PANDUIT®



Maximize Space and Increase Network Performance

The Wire Basket Overhead Cable Tray Routing System is a robust cable management solution that **optimizes system reliability, space utilization and scalability**. It provides speed of deployment, structural integrity, cable protection and ease of use to drive business results.



Adaptability

Variety of sizes and styles to fit different support and building structures



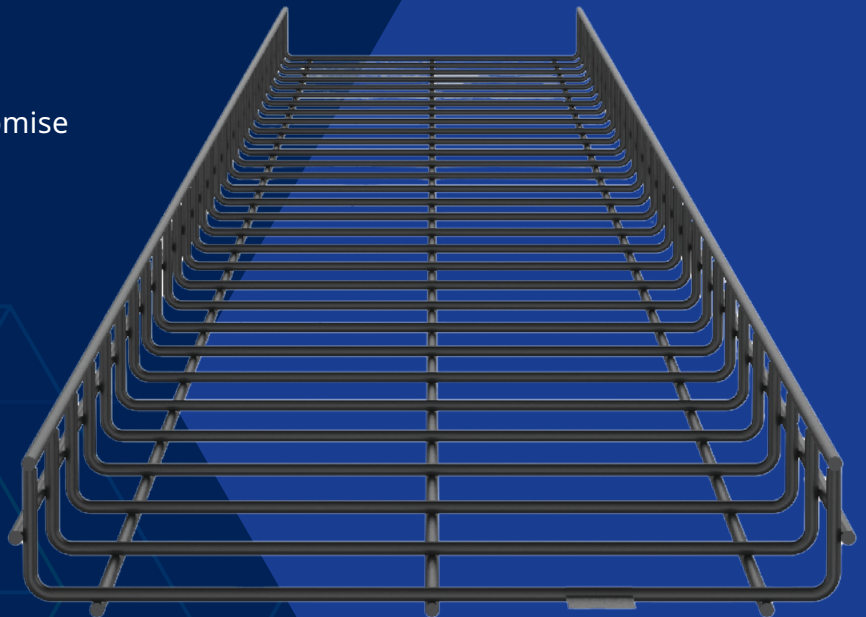
20% Lighter Weight

Reduces installation labor



70% Recycled Steel

Sustainability without compromise



For more information, visit
panduit.com/wire-basket

PANDUIT®

Meet Sustainability Mandates

Without Compromising Performance and Reliability

Globally, only 9% of plastic waste is recycled, and by 2050, up to 12 billion tons could pollute our landfills, waterways, and oceans*. To combat this, many governments are regulating single-use plastics for the betterment of the environment. Post-Industrial Recycled Nylon 6.6 Cable Ties, **made from up to 100% recycled nylon**, reduce the carbon footprint by up to 36% without compromising quality or reliability.



Environmental Impact

Provides up to 36% carbon footprint reduction when compared to standard plastic cable ties



Impact Modified and Heat Stabilized

Delivers durable industrial performance with an estimated 10-year lifespan



UV-Resistant Properties

Withstands exposure to sunlight with a weathering life expectancy of 10 years



For more information, visit
panduit.com/post-industrial-recycled-cable-ties

PANDUIT®

*Statistics courtesy of the
United Nations Environment
Programme

FiberRunner® 24" x 4" Hinged Channel

- Pre-assembled to provide fast mechanical assembly of components
- No tools required for installation
- Bolts loosen for component disassembly



FR24X4YL10

Part Number	Material	Flammability Rating	Overall Length ft. (m)	Overall Width In. (mm)	Overall Height In. (mm)	For Use With	Color
FR24X4YL10	PVC	94V-0	10 (3)	25.38 (644.6)	4.48 (113.4)	FRBC24X4YL,FRCV24YL10	Yellow

FiberRunner® 24" x 4" Fast-Snap™ Cover

- Robust, large capacity 24x4 system ideal for use with large cable counts QuikLock Couplers and Brackets reduce system installation time dramatically
- Channel, covers, fittings and other non-metallic system components made from V-0 flame class rated material
- Compatible with all sizes of FiberRunner Routing Systems, Cable Management, and Racks



FRCV24YL10

Part Number	Material	Flammability Rating	Overall Length ft. (m)	Overall Width In. (mm)	Overall Height In. (mm)	For Use With	Color
FRCV24YL10	PVC	94V-0	10 (3)	26.07 (662.2)	1.54 (39.1)	FR24X4YL10	Yellow

FiberRunner® Solid Wall Channel



- Snap-on design enables fast, secure installation and removal
- Protects fiber from dust, debris, and physical damage
- High-visibility yellow finish supports safety and compliance
- Durable PVC construction resists impact and wear



S4X4BL6NM



S4X4YL6NM

Part Number	System Dimensions (In.)	Material	Flammability Rating	Overall Length ft. (m)	Overall Width In. (mm)	Overall Height In. (mm)	For Use With	Color
S4X4BL6NM	4x4	PVC	94V-0	6 (1.83)	4.2 (106.7)	4 (101.6)	C4BL6	Black
S4X4YL6NM							C4YL6	Yellow

FiberRunner® Center Support



- Protects fiber from dust and damage in overhead routing systems
- Snap-on design enables fast, secure installation
- 12" length supports modular configuration flexibility
- Durable construction maintains structural integrity over time



FR12CS12



FR6CS12



FR6CS12M

Part Number	Material	For Use With	System Dimensions (In.)	For Threaded Rod Sz. In. (mm)	Includes	Color
FR12CS12	Steel	Fast Assembly to Channel	12x4	1/2 (12.7)	(1) Bracket, (1) T-Fastener, (1) 1/4-20 Keps Locknut, (2) Bracket Clip Assemblies, (2) 1/4-20 Hex Head Machine Screws, (2) 1/2-13 Hex Nuts, (2) 1/2" Helical Spring Lock Washers	Black
FR12CS12M				1/2 (12)	(1) Bracket, (1) T-Fastener, (1) 1/4-20 Keps Locknut, (2) Bracket Clip Assemblies, (2) 1/4-20 Hex Head Machine Screws, (2) 1/2" Helical Spring Lock Washers, (2) M12x1.75 Hex Nuts	
FR12CS58		Fast assembly to channel	5/8 (15.9)	(1) Bracket, (1) T-Fastener, (1) 1/4-20 Keps Lock Out, (2) Bracket Clip Assemblies, (2) 1/4-20 Hex Head Machine Screws, (2) 1/4" Helical Spring Lock Washers, (2) 5/8-11 Hex Nuts, (2) 5/8" Helical Spring Lock Washers		
FR6CS12		Fast Assembly to Channel	4x4, 6x4	1/2 (12.7)	(1) Bracket Assembly, (2) 1/2" Helical Spring Lock Washers, (2) 1/2-13 Heavy Hex Nuts	
FR6CS12M				1/2 (12)	(1) Bracket Assembly, (2) 1/2" Helical Spring Lock Washers, (2) M12x1.75 Heavy Hex Nuts	
FR6CS58				5/8 (15.9)	(1) Bracket Assembly, (2) 5/8" Helical Spring Lock Washers, (2) 5/8-11 Heavy Hex Nuts	

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FiberRunner® Cable Retainer

- Retainer holds cable in the channel when cover is not used
- Spill-overs allow safe transition from horizontal to vertical runs
- 2-inch (50.8mm) bend radius control
- Transition to channel, slotted channel, and corrugated loom tubing

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FRCR12LBL-X

FRCR4LBL-X

FRCR6LBL-X

Part Number	System Dimensions (In.)	Color	Std. Pkg. Qty.
FRCR12LBL-X	12x4	Black	10
FRCR4LBL-X	4x4		
FRCR6LBL-X	6x4		

FiberRunner® Innerduct Transition Fitting

- Provides controlled cable exit with 2" bend radius
- Maintains fiber performance during directional changes
- Snap-on design enables fast, secure installation



FITF12X4

Part Number	Material	For Use With	System Dimensions (In.)	Includes
FITF12X4	Steel	Equipment Frames, Telecommunication Cabinets	12x4	(1) Innerduct Transition Fitting, (5) #10-32 x 1/2" Pan Head Phillips Machine Screws, (5) #10 Helical Spring Lock Washers, (5) #10-32 Hex Machine Screw Nuts, (5) BT4 Dome Top Barb-TY Cable Ties

Bend Radius Control Trumpet

- T-shaped design supports horizontal transitions without strain
- Black finish resists wear and blends with system aesthetics
- Maintains fiber integrity during directional changes



TRC2HDBL

Part Number	System Dimensions (In.)	Application	Bend Radius In. (mm)	Color
TRC2HDBL	2x2	Provide Method to Transition Cabling from Wall Mounted Hardware to Wiring Duct Channel	1 (25.4)	Black

FiberRunner® 6" x 4" or 4" x 4" to 2" x 2" Reducer

- Maintains proper cable bend radius for signal integrity
- Snap-on design enables quick, secure installation
- Durable black finish resists corrosion and wear



FRLPR42LBL

Part Number	Material	System Dimensions (In.)	Connector 1 Type	Connector 2 Type	Color
FRLPR42LBL	Polycarbonate/ABS	4x2, 2x2	4" Exit	2" Exit	Black

FiberRunner® 2-Piece Ladder Rack Bracket



- Designed for quick, one-handed assembly
- Offers reliable support and ease of use



F2PCLB12

Part Number	Material	System Dimensions (In.)	For Threaded Rod Sz. In. (mm)	Includes	Color
F2PCLB12	Steel	4x4, 6x4, 12x4, 24x4	1/2 (12.7)	(2) Bracket Clips, (2) 1/2" Helical Spring Lock Washers, (2) 1/2-13 Heavy Hex Nuts	Black
F2PCLB58		4x4, 6x4, 12x4	5/8 (15.9)	(2) Bracket Clips, (2) 5/8" Helical Spring Lock Washers, (2) 1/2-11 Heavy Hex Nuts	

FiberRunner® Ladder Rack Mounting Bracket



- Secures 4x4 channel to 3/8" threaded rod for overhead routing
- Steel bracket provides rigid, long-lasting support



FLRB

Part Number	Material	System Dimensions (In.)	Includes
FLRB	Steel	2x2, 4x4	(1) Bracket Assembly, (2) #10-32 x 1/2" Pan Head Slotted Machine Screws, (2) #10-32 Hex Machine Screw Nuts, (2) #10 Helical Spring Lockwashers

FiberRunner® Adjustable Cabinet Bracket



- Quick assembly and height adjustments ensure a perfect fit over uneven cabinet heights



FR12ACAB

Part Number	Material	For Use With	System Dimensions (In.)	For Threaded Rod Sz. In. (mm)	Includes	Color
FR12ACAB	Steel	Top of Cabinets	4x4, 6x4, 12x4	1/2 (12)	(1) Bracket Assembly, (2) 1/4-20 x 5/8" Hex Head Serrated Flange Screws, (2) 1/4-20 Hex Serrated Flange Nuts, (2) 1/4-20 T-Bolt, (1) 1/4-20 Hex Keps Lock Nut	Black

FiberRunner® QuickLock™ Adjustable C Bracket



- Mounts 4x4 channel to 1/2" threaded rod for secure overhead support
- Durable steel construction ensures long-term reliability



FR12ACB12N



FR12ACB58



FR6ACB12N



FR6ACB58

Part Number	Material	System Dimensions (In.)	For Threaded Rod Sz. In. (mm)	For Use With	Includes
FR12ACB12N	Steel	12x4	1/2 (12)	FiberRunner channel 12"x 4" / 6"x 4" / 4"x 4" widths x 4" height, 1/2" and 12mm threaded rod	(1) Bracket Assembly, (2) 1/2-13 Heavy Hex Nuts, (2) M12x1.75 Heavy Hex Nuts, (2) 1/2" Helical Spring Lock Washers, (1) 1/4-20 T-Bolt, (1) 1/4-20 Hex Keps Lock Nut
FR12ACB58			5/8 (15.9)	Fast Assembly to Channel	(1) Bracket Assembly, (2) 5/8-11 Heavy Hex Nuts, (2) 5/8" Helical Spring Lock Washers, (1) 1/4-20 T-Bolt, (1) 1/4 -20 Hex Keps Lock Nut
FR6ACB12N		6x4	1/2 (12)	FiberRunner channel 6"x 4" or 4" x 4", 1/2" and 12mm threaded rod	(1) Bracket Assembly, (2) 1/2-13 Heavy Hex Nuts, (2) M12x1.75 Heavy Hex Nuts, (2) 1/2" Helical Spring Lock Washers, (1) 1/4-20 T-Bolt, (1) 1/4-20 Hex Keps Lock Nut
FR6ACB58		4x4, 6x4	5/8 (15.9)	Fast Assembly to Channel	(1) Bracket Assembly, (2) 5/8-11 Heavy Hex Nuts, (2) 5/8" Helical Spring Lock Washers, (1) 1/4-20 T-Bolt, (1) 1/4 -20 Hex Keps Lock Nut

FiberRunner® QuickLock™ Adjustable Ladder Rack Bracket



FR12ALB



FR6ALB

Part Number	Material	System Dimensions (In.)	For Threaded Rod Sz. In. (mm)	For Use With	Includes
FR12ALB	Steel	12x4	– (–)	Fast Assembly to Channel	(1) Clasp Bracket, (1) Vertical Bracket Assembly, (1) “L” Bracket Assembly, (3) 5/16” Helical Spring Lock Washers, (3) 5/16-18 x 3/4” Hex Head Cap Screws, (1) 1/4-20 T-Bolt, (1) 1/4-20 Hex Keps Lock Nut
 FR6ALB		4x4, 6x4			(1) Clasp Bracket, (2) Vertical Bracket Assembly, (2) “L” Bracket Assembly, (3) 5/16” Helical Spring Lock Washers, (3) 5/16-18 x 3/4” Hex Head Cap Screws



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FiberRunner® QuickLock™ Trapeze Bracket



- Steel construction ensures reliable load-bearing performance
- Compact bracket design simplifies installation in tight spaces
- Maintains alignment for consistent cable routing



FR12TB12

FR12TB12M

FR12TB2412

FR12TB58

FR6TB12M

Part Number	Material	For Use With	System Dimensions (In.)	For Threaded Rod Sz. In. (mm)	Includes	Color
FR12TB12	Steel	Fast assembly to channel	12x4	1/2 (12)	(1) Bracket Assembly, (4) 1/2" Helical Spring Lock Washers, (4) 1/2-13 Heavy Hex Nuts, (1) 1/4-20 T-Bolt, (1) 1/4-20 Hex Keps Nut	Black
FR12TB12M					(1) Bracket Assembly, (4) 1/2" Helical Spring Lock Washers, (1) 1/4-20 T-Bolt, (1) 1/4-20 Hex Keps Nut, (4) M12x1.75 Hex Nuts	
FR12TB2412		Trapeze Bracket		1/2 (12.7)	(1) Bracket Assembly, (2) 1/2" Clamp Plates, (4) 1/2" Helical Spring Lock Washers, (4) 1/2-13 Heavy Hex Nuts, (1) 1/4-20 T-Bolt, (1) 1/4 -20 Hex Keps Nut	
FR12TB58		Fast Assembly to Channel		5/8 (15.9)	(1) Bracket Assembly, (4) 5/8" Helical Spring Lock Washers, (4) 5/8-11 Heavy Hex Nuts, (1) 1/4-20 T-Bolt, (1) 1/4-20 Hex Keps Nut	
FR6TB12M			1/2 (12)	(1) Bracket Assembly, (4) 1/2" Helical Spring Lock Washers, (4) M12x1.75 Hex Nuts		
FR6TB38			3/8 (9.5)	(1) Bracket Assembly, (4) 3/8" Helical Spring Lock Washers, (4) 3/8-16 Heavy Hex Nuts		

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FiberRunner® QuickLock™ Existing Threaded Rod Bracket



- Heavy-duty steel construction ensures reliable load capacity
- Compact form factor simplifies installation in constrained spaces
- Maintains precise alignment for consistent cable routing

Cabinets,
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Racks &
Enclosures

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Systems



Part Number	Material	For Use With	System Dimensions (In.)	For Threaded Rod Sz. In. (mm)	Includes	Color
FR12TRBE58	Steel	Fast Assembly to Channel	12x4	5/8 (16)	(1) Bracket Assembly, (2) 5/8" Clamp Plates, (4) 5/8" Helical Spring Lock Washers, (4) 5/8-11 Heavy Hex Nuts, (1) 1/4-20 T-Bolt, (1) 1/4 -20 Hex Keps Nut	Black
FR12TRBE58M					(1) Bracket Assembly, (2) 5/8" Clamp Plates, (4) 5/8" Helical Spring Lock Washers, (1) 1/4-20 T-Bolt, (1) 1/4-20 Hex Keps Nut, (4) M16x12 Split Lock Nuts	
FR24TBE12			24x4	1/2 (12.7)	(1) Bracket Assembly, (4) 1/2-13 Split Lock Nuts	
FR6TRBE12			4x4, 6x4		(1) Bracket Assembly, (2) 1/2-13 Split Lock Nuts	
FR6TRBE58				5/8 (16)	(1) Bracket Assembly, (2) 5/8-11 Split Lock Nuts	
FR6TRBN12				1/2 (12.7)	(1) Bracket Assembly, (2) 1/2" Helical Spring Lock Washers, (2) 1/2-13 Heavy Hex Nuts	
FR6TRBN58				5/8 (16)	(1) Bracket Assembly, (2) 5/8" Helical Spring Lock Washers, (2) 5/8-11 Heavy Hex Nuts	

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FiberRunner® QuickLock™ New Threaded Rod Bracket



- Mounts 12x4 channel to 5/8" threaded rod for overhead support
- Steel bracket construction ensures long-term load stability
- Compact design simplifies installation in constrained spaces
- Maintains precise channel alignment for consistent routing



FR12TRBN58

FR24TBN12N

Part Number	Material	For Use With	System Dimensions (In.)	For Threaded Rod Sz. In. (mm)	Includes	Color
FR12TRBN58	Steel	Fast Assembly to Channel	12x4	5/8 (15.9)	(1) Bracket Assembly, (2) 5/8" Helical Spring Lock Washers, (4) 5/8-11 Heavy Hex Nuts, (1) 1/4-20 T-Bolt, (1) 1/4 -20 Hex Keps Nut	Black
FR24TBN12N		FiberRunner channel 24"x 4", 1/2" and 12mm threaded rod	24x4	1/2 (12)	(1) Bracket Assembly, (4) 1/2" Helical Spring Lock Washers, (4) 1/2-13 Heavy Hex Nuts, (4) M12x1.75 Heavy Hex Nut	

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FiberRunner® QuickLock™ 4-Post Mounting Bracket



- Pre-configured bracket mounts 4x4 channel to 5/8" threaded rod
- Streamlined design reduces installation time and complexity
- Rigid steel construction supports consistent cable alignment



FR4PRB58

Part Number	Material	For Use With	System Dimensions (In.)	For Threaded Rod Sz. In. (mm)	Includes	Color
FR4PRB58	Steel	Assemble Bracket	4x4, 6x4, 12x4	5/8 (15.9)	(1) Strut Metal Framing Channel, (2) Square Nut Pem Self-Clining Assemblies, (2) 7/16" Hole Strut Metal Framing Channel U-Washers, (2) 3/8" Helical Spring Lock Washers, (2) 3/8-16 x 2 1/2" Hex Head Cap Screws, (1) 11/16" Hole Strut Metal Framing Channel U-Washer, (1) 5/8" Helical Spring Lock Washer, (1) 5/8-11 Heavy Hex Nut, (1) 5/8-11 Channel Nut without Spring	Black

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FiberRunner® Wall Mount L Bracket



- Rigid steel construction ensures secure installation
- Compact L-shape enables placement in tight spaces



FR6LB

Part Number	Material	For Use With	System Dimensions (In.)	Includes	Color
FR6LB	Steel	Fast Assembly to Channel	4x4, 6x4	(1) Bracket Assembly	Black

FiberRunner® QuickLock™ Ladder Rack Bracket



- Right-hand orientation supports directional channel mounting
- Steel construction ensures stable, long-term support
- Compact profile fits constrained installation spaces



FR6LRB

Part Number	Material	System Dimensions (In.)	Includes	Color
FR6LRB	Steel	4x4, 6x4	(1) Bracket Assembly	Black

FiberRunner® Adjustable Z Bracket



- 1.5" offset positions channel for precise alignment
- 4" base provides stable mounting surface
- Steel construction ensures long-term durability



FZBA1.5X4

Part Number	Material	System Dimensions (In.)	Includes	Color
★ FZBA1.5X4	Steel	2x2, 4x4	(1) Bracket (Rack Side), (1) Bracket (Duct Side), (2) #10-32x1/2 Phillips Truss-Head Machine Screws, (2) #10 Helical Spring Lock Washers, (2) #10-32 Machine Screw Nuts, (1) Bag of Four (4) #12-24 x 1/2 Type 1 Combination Drive Round Head Machine Screw	Black

FiberRunner® Trapeze Bracket for Wyr-Grid® Pathway



- Integrated wire guard protects cable routing from external contact
- 24" bracket spans wide support areas for stable overhead mounting
- Black finish resists corrosion in demanding environments



FRTBWG12BL



FRTBWG18BL



FRTBWG24BL

Part Number	Material	For Use With	System Dimensions (In.)	For Threaded Rod Sz. In. (mm)	Includes	Color
FRTBWG12BL	Pre-Galvanized Steel	FiberRunner 4x4 and 6x4 Channel, WGTB12BL	4x4, 6x4	1/2 (12)	(1) FiberRunner® Trapeze Bracket for Wyr-Grid™ 12" Pathway, (2) FiberRunner® Trapeze Bracket for Wyr-Grid™ Clip Assembly	Black
FRTBWG18BL		FiberRunner 4x4, 6x4, and 12x4 Channel, WGTB18BL	4x4, 6x4, 12x4	1/2 (12.7)	(1) FiberRunner® Trapeze Bracket for Wyr-Grid™ 18" Pathway, (2) FiberRunner® Trapeze Bracket for Wyr-Grid™ Clip Assembly	
FRTBWG24BL		FiberRunner 4x4, 6x4, and 12x4 Channel, WGTB24BL			(1) FiberRunner® Trapeze Bracket for Wyr-Grid™ 24" Pathway, (2) FiberRunner® Trapeze Bracket for Wyr-Grid™ Clip Assembly	

FiberRunner® Fiber-Duct™ New Threaded Rod Bracket



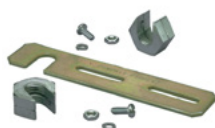
- Secures FiberRunner® channel to 1/2" threaded rod
- Compact form factor simplifies overhead installation
- Steel construction ensures long-term structural support



FTRBN12

Part Number	Material	System Dimensions (In.)	For Threaded Rod Sz. In. (mm)	Includes
FTRBN12	Steel	2x2, 4x4	1/2 (12)	(1) Bracket, (2) 1/2-13 Heavy Hex Nuts, (2) 1/2" Helical Spring Lock Washers, (2) #10-32 x 1/2" Pan Head Slotted Machine Screws, (2) #10-32 Hex Machine Screw Nuts, (2) #10 Helical Spring Lock Washers, (2) #10-32 Hex Machine Screw Nuts, (2) #10 Helical Spring

Fiber-Duct™ Existing Threaded Rod Bracket



FTRBE12

Part Number	Material	System Dimensions (In.)	Includes	Color
FTRBE12	Steel	2x2, 4x4	(1) Bracket, (2) #10-32 x 1/2" Pan Head Screws with Lock Washers and Hex Nuts, (2) 1/2" Split Nuts	Black

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Fiber-Duct™ Wall Mount L Bracket



- Supports 4x4 channel at 90° angle for directional changes
- Mounts to threaded rod or auxiliary framing for flexible placement



FLB

Part Number	Material	System Dimensions (In.)	Includes	Color
FLB	Steel	2x2, 4x4	(1) Bracket, (2) #10-32 x 1/2" Pan Head Slotted Machine Screws, (2) #10-32 Hex Machine Screw Nuts	Black

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Fiber-Duct™ Low Profile Z Bracket



- Low-profile design supports tight-space installations
- Provides stable mounting for FiberRunner® channels
- Steel construction ensures long-term structural reliability



FZBLP

Part Number	Material	System Dimensions (In.)	Includes	Color
FZBLP	Steel	2x2, 4x4	(1) Bracket Assembly, (2) #10-32 x 1/2" Phillips Truss-Head Machine Screws, (4) #12-24 x 1/2" Type 1 Combination Drive Round Head Machine Screws, Dog Pointed	Black

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Fiber Routing Threaded Rod

- 12" length supports overhead routing configurations
- 1/2" thread ensures compatibility with standard brackets
- Zinc-plated steel resists corrosion in exposed environments

Cabinets,
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TR1-12-X

Part Number	Material	System Dimensions (In.)	For Threaded Rod Sz. In. (mm)
TR1-12-X	Steel	4x4, 6x4	1/2 (12.7)
TR1-58-X			5/8 (15.9)

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Wire Basket Tray

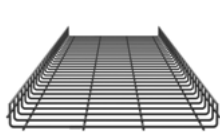
- Open wire basket design supports high cable fill capacity while promoting airflow and heat dissipation in data center and industrial pathways
- Modular straight sections, fittings, and accessories enable fast field configuration without special tools or complex fabrication
- Integrated wire management accessories support routing, separation, and protection of power and data cables
- Corrosion-resistant finishes maintain structural integrity in demanding indoor and light industrial environments
- Compatible with a broad range of supports and mounting hardware for overhead, underfloor, or wall-mounted installations
- For design tools and the complete offering, visit panduit.com/wire-basket

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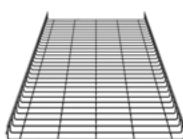
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PWB2X12BL



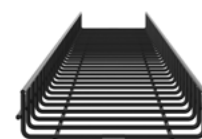
PWB2X18BL



PWB2X24BL



PWB2X6BL



PWB2X8BL

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Part Number	Finish/Coating	System Dimensions (In.)	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
PWB2X12BL	Powder-Coated	2x12	Black	1	2
PWB2X18BL		2x18			
PWB2X24BL		2x24			
PWB2X4BL		2x4			
PWB2X6BL		2x6			
PWB2X8BL		2x8			
PWB4X12BL		4x12			
PWB4X18BL		4x18			
PWB4X24BL		4x24			
PWB4X4BL		4x4			
PWB4X6BL		4x6			
PWB4X8BL		4x8			
PWB6X12BL	Powder-Coated	6x12	Black	1	2
PWB6X18BL		6x18			
PWB6X24BL		6x24			

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Wire Basket Tray (continued)

Part Number	Finish/Coating	System Dimensions (In.)	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
PWB6X6BL	Powder-Coated	6x6	Black	1	2
PWB6X8BL		6x8			

Available in Black (BL), Electro Zinc (EZ), or White (WH) finishes. Visit panduit.com.
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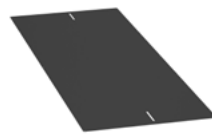
Wire Basket Tray Liner



PWBTL12BL



PWBTL12PG



PWBTL18BL



PWBTL18PG



PWBTL4BL

Part Number	Material	Finish/Coating	Overall Width In. (mm)	Color
PWBTL12BL	Steel	Powder-Coated	11.33 (287.8)	Black
PWBTL12PG				Silver
PWBTL18BL			17.33 (440.2)	Black
PWBTL18PG				Silver
PWBTL24BL			23.33 (592.6)	Black
PWBTL24PG				Silver
PWBTL4BL			3.33 (84.6)	Black
PWBTL4PG				Silver
PWBTL6BL			5.33 (135.4)	Black
PWBTL6PG				Silver
PWBTL8BL			7.33 (186.2)	Black
PWBTL8PG				Silver

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Wire Basket Divider Wall



PWBDW2BL



PWBDW2PG

Part Number	Finish/Coating	Color	Overall Height In. (mm)
PWBDW2BL	Powder-Coated	Black	1.72 (43.7)
PWBDW2PG		Silver	
PWBDW4BL		Black	3.72 (94.5)
PWBDW4PG		Silver	
PWBDW6BL		Black	5.72 (145.31)
PWBDW6PG		Silver	

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Wire Basket Trapeze Hanger Bracket

- Flexible mounting bracket options support multiple Wire Basket System installation configurations
- Flat mounting surfaces allow basket pathway sections to be positioned and secured to brackets
- Basket sections attach to brackets using compatible PWBHK hardware



PWBTSBEZ

Part Number	For Use With	Finish/Coating	Color
PWBTSBEZ	Wire Basket (Maximum 12" Wide)	Electro Zinc	Silver

Wire Basket Vertical Wall Mount Bracket

- Vertical wall-mount bracket supports wire basket pathway attachment to structural surfaces
- Bracket geometry maintains basket alignment along vertical mounting planes
- Flat contact surfaces interface with wire basket sections for secure positioning
- Metal construction supports use in commercial and industrial pathway applications



PWBWMBVBL

Part Number	Material	Finish/Coating	Color
PWBWMBVBL	Steel	Powder-Coated	Black

Narrow Wall Termination Bracket for Wire Basket System

- Narrow wall termination bracket secures wire basket pathways with a compact profile, supporting stable mounting and straightforward installation



PWBWMNBL

Part Number	For Use With	Overall Length In. (mm)	Material	Finish/Coating	Color
PWBWMNBL	Wire Basket (4" and 12" Wide)	4.7 (119.6)	Steel	Powder-Coated	Black

Wide Wall Termination Bracket for Wire Basket System

- Wide wall termination bracket provides secure end-of-run support for wire basket pathways
- Rigid construction delivers stable mounting with a clean, professional finish



PWBWMWBL

Part Number	For Use With	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Color
PWBWMWBL	Wire Basket (6", 8", 18", and 24" Wide)	6.2 (157.72)	2.12 (53.85)	3.12 (79.25)	Black

Wire Basket Cantilever Bracket

- Cantilever bracket supports wire basket pathways with stable, wall-mounted support
- Rigid design maintains organized routing and consistent alignment for basket installations



PWBCB12BL



PWBCB24BL



PWBCB4BL



PWBCB6BL



PWBCB8BL

Part Number	For Use With	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Color
PWBCB12BL	Wire Basket (Maximum 12" Wide)	12.8 (326)	1.6 (40)	4.33 (110)	Black
PWBCB24BL	Wire Basket (Maximum 24" Wide)	24.6 (626)		6.3 (160)	
PWBCB4BL	Wire Basket (4" Wide)	5 (128)	2 (50)	3.54 (90)	
PWBCB6BL	Wire Basket (Maximum 6" Wide)	7 (178)		3.93 (100)	
PWBCB8BL	Wire Basket (Maximum 8" Wide)	8.7 (222)	1.6 (40)	3.57 (91)	

Wire Basket Strut Clip

- Securely mount your wire baskets with our durable strut clip



PWBSCEZ

Part Number	For Use With	Material	Finish/Coating	Color
PWBSCEZ	Wire Basket (All Widths)	Steel	Electro Zinc	Silver

Wire Basket 90° Radius Intersection

- Secures wire basket intersections for stable multi-path routing
- Steel construction ensures long-term structural reliability
- Connects intersecting wire basket sections for structural continuity
- Simplifies alignment of intersecting basket segments
- Low-profile design maintains smooth cable pathways
- Black powder coat finish resists corrosion and blends with system aesthetics

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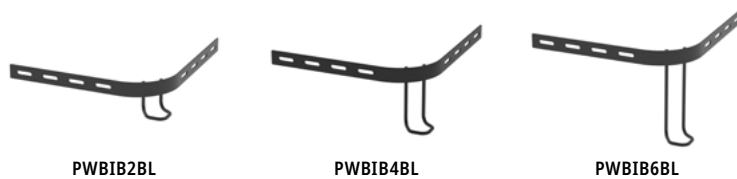
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Part Number	Material	Finish/Coating	Color
PWBIB2BL	Steel	Powder-Coated	Black
PWBIB4BL			
PWBIB6BL			

Wire Basket Formed Tee Intersection

- Provides stable junction support for wire basket intersections
- Guides cables over basket edges to maintain bend radius
- Ensures secure splice alignment across multiple basket sections
- Smooth surface reduces cable strain and jacket damage
- Durable steel construction maintains structural integrity
- Black powder coat finish ensures visual consistency and durability



PWBPF2X12BL

Part Number	System Dimensions (In.)	Material	Finish/Coating	Color
PWBPF2X12BL	2x12	Steel	Powder-Coated	Black
PWBPF2X18BL	2x18			
PWBPF2X24BL				
PWBPF2X4BL	2x4			
PWBPF2X6BL	2x6			
PWBPF2X8BL	2x8			
PWBPF4X12BL	4x12			
PWBPF4X18BL	4x18			
PWBPF4X24BL	4x24			
PWBPF4X4BL	4x4			
PWBPF4X6BL	4x6			
PWBPF4X8BL	4x8			
PWBPF6X12BL	6x12	Steel	Powder-Coated	Black
PWBPF6X18BL	6x18			

Wire Basket Formed Tee Intersection (continued)

Part Number	System Dimensions (In.)	Material	Finish/Coating	Color
PWBPF6X24BL	6x24	Steel	Powder-Coated	Black
PWBPF6X6BL	6x6			
PWBPF6X8BL	6x8			

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Narrow Bottom Wire Basket Waterfall

- Narrow bottom wire basket organizes and routes cables with a compact pathway profile
- Tool-free snap-on design supports fast installation across a wide range of basket sizes
- Integrated bend radius control maintains proper cable routing and alignment



PWBWFNBL

Part Number	Material	Finish/Coating	Color	Std. Pkg. Qty.
PWBWFNBL	Steel	Powder-Coated	Black	5

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Wide Bottom Wire Basket Waterfall

- Provides controlled cable transitions at pathway terminations
- Wide bottom design maintains bend radius compliance across multiple basket sizes
- Tool-free snap-on installation supports fast, consistent deployment



PWBFWBL

Part Number	Exit Width In. (mm)	Material	Finish/Coating	Color
PWBFWBL	3.54 (90)	Steel	Powder-Coated	Black

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Wire Basket Spillover Exit

- Wire basket spillover manages cable exits from basket pathways to equipment or vertical drops
- Integrated bend radius control maintains proper cable routing at transition points
- Tool-free design supports straightforward installation in data center environments



PWBSPJ2BL



PWBSPJ4BL

Part Number	Exit Width In. (mm)	Material	Finish/Coating	Color
PWBSPJ2BL	2 (50.8)	Steel	Powder-Coated	Black
PWBSPJ4BL	4 (101.6)			

Wire Basket Drop Out Kit

- Drop out kit manages cable drops from wire basket pathways while maintaining controlled routing
- Universal mounting design fits a wide range of basket sizes
- Includes required mounting hardware for streamlined installation



PWBDOKBL

Part Number	Exit Width In. (mm)	Material	Finish/Coating	Color
PWBDOKBL	12.5 (317.5)	Steel	Powder-Coated	Black

Wire Basket Expansion Splice

- Wire basket expansion splice bridges gaps between adjacent basket sections
- Maintains pathway alignment for continuous, organized cable routing



PWBFESBL

Part Number	Material	Finish/Coating	Color
PWBFESBL	Steel	Powder-Coated	Black

Wire Basket Push-On Splice

- Sweeping transition design maintains proper cable bend radius
- Supports smooth directional changes in wire basket pathways
- Tool-free attachment enables fast installation and repositioning
- Steel construction provides structural stability and load support
- Compatible with multiple wire basket sizes for routing flexibility
- Powder-coated finish resists corrosion in harsh environments



PWBPSBL

Part Number	Material	Finish/Coating	Color
PWBPSBL	Steel	Electro Zinc	Black

Wire Basket Bolted Splice

- Curved drop design maintains cable bend radius during vertical transitions
- Tool-free installation supports fast setup and repositioning
- Steel construction provides stable support for cable loads
- Powder-coated finish resists wear and corrosion
- Compatible with multiple wire basket sizes for flexible routing



PWBSPLBL

Part Number	Material	Finish/Coating	Color
PWBSPLBL	Steel	Electro Zinc	Black

LDPH Power Rated Inside Corner Fitting



ICFX5WH-X

Part Number	Fitting Type	For Use With	Color
ICFX5WH-X	Inside Corner	LD5, LDPH5	White

LD Low Voltage Single Channel Raceway



- For routing data and low voltage cabling
- One-piece hinged design allows cables to be laid in
- Factory applied adhesive backing speeds installation
- FT4 rated



LD10WH10-A



LD3WH10-A

Part Number	Overall Height (In.)	Overall Length ft. (m)	Color
★ LD10WH10-A	0.94	10 (3.05)	White
★ LD10WH6-A		6 (1.83)	
★ LD10WH8-A		8 (2.44)	
LD3WH10-A	0.46	10 (3.05)	
★ LD3WH6-A		6 (1.83)	
LD3WH8-A		8 (2.44)	
LD5WH10-A	0.58	10 (3.05)	
★ LD5WH6-A		6 (1.83)	
LD5WH8-A		8 (2.44)	

LD Raceway is available in a variety of sizes, colors and lengths, visit panduit.com.

LD Coupler Fitting



- Provides a seamless connection between two low voltage single channel raceway sections
- Provides flexibility for routing, protecting, and concealing Low-Voltage Data, Fiber Optic and Electrical Wiring within any Enterprise Environment



CF10WH-X



CF3WH-E



CF5WH-E

Part Number	Fitting Type	For Use With	Color
CF10WH-X	Coupler	LD10, LDPH10	White
CF3WH-E		LD3, LDPH3	
CF5WH-E		LD5, LDPH5	

LDPH Power Rated Single Channel Raceway



- UL and CSA rated 600 V
- Meets UL 5A and CSA C22.2
- No. 62.1-03 standards
- FT4 rated
- Two-piece hinged design allows the cover to remain open without use of tools or fixtures; speeds placement of cables into the raceway
- Tamper resistant
- Factory applied adhesive backing speeds installation
- Non-metallic construction is lightweight solid color throughout, high impact resistance, and easy to cut with standard cutting tools



LDPH10WH10-A

Part Number	Overall Height (In.)	Overall Length ft. (m)	Color
LDPH10WH10-A	0.86	10 (3.05)	White
LDPH10WH6-A		6 (1.83)	
LDPH10WH8-A		8 (2.44)	
LDPH3WH10-A	0.41	10 (3.05)	
LDPH3WH6-A		6 (1.83)	
LDPH3WH8-A		8 (2.44)	
LDPH5WH10-A	0.55	10 (3.05)	
LDPH5WH6-A		6 (1.83)	
LDPH5WH8-A		8 (2.44)	

LDPH Raceway is available in a variety of sizes, colors and lengths, visit panduit.com.

LD Drop Ceiling/Entrance End Fitting



- Products provide flexibility for routing, protecting, and concealing Low-Voltage Data, Fiber Optic and Electrical Wiring within any Enterprise Environment



DCF10WH-X

Part Number	Fitting Type	For Use With	Color
DCF10WH-X	Entrance End/Drop Ceiling	LD10, LDPH10	White
DCF3WH-X		LD3, LDPH3	
DCF5WH-X		LD5, LDPH5	

LD/LDPH Bend Radius Control



- 1 in. bend radius control fittings
- Provides solutions for routing both power and data cabling along perimeter walls



RAEFXWH-X

Part Number	Fitting Type	Color
RAEFXWH-X	Entrance End/Right Angle	White

LD End Cap Fitting



- Provides a clean way to close the open end of a low voltage single channel installation



ECF10WH-X



ECF3WH-E



ECF5WH-E

Part Number	Fitting Type	For Use With	Color
ECF10WH-X	End Cap	LD10, LDPH10	White
ECF3WH-E		LD3, LDPH3	
ECF5WH-E		LD5, LDPH5	

LD/LDPH Entrance End Fitting



- Provides a seamless way to bring power or low voltage cable from ceiling into single channel raceway for a clean look
- For routing power or low voltage data and fiber optic cabling along perimeter walls



DCEFXWH-X

Part Number	Fitting Type	For Use With	Color
DCEFXWH-X	Entrance End/Drop Ceiling	LD3, LDPH3, LD5, LDPH5, LD10, LDPH10	White

LD Inside Corner Fitting



ICFC10WH-X

Part Number	Fitting Type	For Use With	Color
ICFC10WH-X	Bend Radius Inside Corner	LD10, LDPH10	White
ICFC3WH-X		LD3, LDPH3	
ICFC5WH-X		LD5, LDPH5	

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LD/LDPH Power Rated Coupler Fitting



- Provides a seamless connection between two power rated single channel raceway sections
- Maximum flexibility for routing, protecting, and concealing high-performance copper, voice, video, fiber optic, and electrical wiring



CFX5WH-X

Part Number	Fitting Type	For Use With	Color
CFX5WH-X	Coupler	LD5, LDPH5	White

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LD/LDPH Right Angle Fitting



RAFC10WH-X

Part Number	Fitting Type	For Use With	Color
RAFC10WH-X	Right Angle	LD10, LDPH10	White
RAFC3WH-X		LD3, LDPH3	
RAFC5WH-X		LD5, LDPH5	

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

LDPH Power Rated End Cap Fitting



- Provides a clean way to close the open end of a single-channel LDPH installation



ECFX5WH-X

Part Number	Fitting Type	For Use With	Color
ECFX5WH-X	End Cap	LD5, LDPH5	White

LDPH Power Rated Inside Corner Fitting



ICFX5WH-X

Part Number	Fitting Type	For Use With	Color
ICFX5WH-X	Inside Corner	LD5, LDPH5	White

LDPH Power Rated Outside Corner Fitting



OCFC10WH-X



OCFX10EI-X



OCFX10WH-X

Part Number	Fitting Type	For Use With	Color
OCFC10WH-X	Outside Corner	LD10, LDPH10	White
OCFX10EI-X			Electric Ivory
OCFX10WH-X			White
OCFX3WH-X		LD3, LDPH3	White
OCFX5EI-X			Electric Ivory

LDPH Power Rated Right Angle Fitting



Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index



RAFX5WH-X

Part Number	Fitting Type	For Use With	Color
RAFX5WH-X	Right Angle	LD5, LDPH5	White

LDPH Power Rated Tee Fitting



TFX3WH-X

Part Number	Fitting Type	For Use With	Color
TFX3WH-X	Tee	LD3, LDPH3	White

LD/LDPH Tee Fitting



- 1 in. bend radius control fitting
- One-piece hinged design
- Adhesive backing included



TFC10WH-X

Part Number	For Use With	Color
TFC10WH-X	LD10, LDPH10	White
TFC3WH-X	LD3, LDPH3	
TFC5WH-X	LD5, LDPH5	

T-45 Raceway Base



- Provides a tamper resistant, multichannel pathway capable of routing both power and communication cabling in single piece
- UL and CSA rated 600 V
- Meets UL 5A and CSA C22.2 No. 62.1-03 standards
- FT4 rated
- Includes pre-punched mounting holes
- Terminates using the T-45 hinged data or power brackets, offset box, or surface mount outlet box solutions



T45BEI8



T45BIW10

Part Number	Fitting Type	Overall Length ft. (m)	Color
T45BEI8	Channel	8 (2.44)	Electric Ivory
T45BIW10		10 (3)	Off White

T-45 Raceway is available in a variety of colors and lengths, visit panduit.com.

T-45 Raceway Cover



- Compatible with T-45 Surface Raceway Base to protect cabling installation, providing tamper resistant solution along perimeter walls
- Hinged design allows easy access from either side



T45CEI10



T45CWH8

Part Number	Fitting Type	Overall Length ft. (m)	Color
T45CEI10	Channel	10 (3)	Electric Ivory
T45CWH8		8 (2.44)	White



Explore our Electrical Infrastructure
catalog at panduit.com/catalogs

T-45 Divider Wall



- UL and CSA rated 600 V
- Meets UL 5A and CSA C22.2 No. 62.1-03 standards
- FT4 rated
- Snaps on to rails in T-45 raceway base to create separate channels
- Available in 8 ft. and 10 ft. lengths



T45DW10

Part Number	Fitting Type	Overall Length ft. (m)	Color
T45DW10	Channel	10 (3)	White
T45DW8		8 (2.44)	

T-45 Electrical Bracket



- Compatible with GFCI power receptacles and has the ability to maintain power and data cable separately
- Provides Solutions for Routing Low Voltage, Fiber Optic and/or Power Cabling Along Perimeter Walls



T45HEGBWH

Part Number	Fitting Type	Color
T45HEGBWH	Snap-On Box	White

T-45 End Cap



- Provides a secure and clean solution for ending T-45 Surface Raceway



T45ECWH

Part Number	Color
T45ECWH	White

T-45 Entrance End



- Ensures smooth cable entry into T-45 Surface Raceway



T45EEWH

Part Number	Color
T45EEWH	White

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

T-45 Hinged Data Bracket



- Includes four vertically sloped ports to help manage cables
- Allows for easy access to cables
- Snap-on design for easy installation



T45HDBWH

Part Number	Fitting Type	Color
T45HDBWH	Snap-On Box	White

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

T-45 Inside Corner



- Routes cable around inside corners while maintaining data and power separation



T45ICWH

Part Number	Fitting Type	Color
T45ICWH	Inside Corner	White

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

T-45 Offset Box



- Allows for mounting of any standard electrical or communication outlet offset from the raceway channel
- Box accepts Pan-Way single gang screw-on faceplates or any NEMA standard single gang screw-on faceplates



T45WCWH

Part Number	Color
T45WCWH	White

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

T-45 Outside Corner



- Routes cable around outside corners while maintaining data and power separation



T45OCIW

Part Number	Fitting Type	Color
T45OCIW	Outside Corner	Off White

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

T-45 Right Angle Fitting



- Routes cable around right angles while maintaining data and power separation



T45RAWH

T70RAWH

Part Number	Color
T45RAWH	White
T70RAWH	Off White

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index

T-45 Cover Coupler



- Covers the side gaps left when connecting two T-45 Surface Raceway Channel Bases, providing a seamless and continuous pathway.



T45CCWH-X

Part Number	Color
T45CCWH-X	White

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

T-45 Tee Fitting



- Connects three T-45 Surface Raceway Channels, providing a secure and continuous pathway



T45TWH

Part Number	Color
T45TWH	White

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

T-70 Raceway Cover



- Compatible with T-70 Surface Raceway Bases to protect cabling installation, providing tamper resistant solution along perimeter walls



T70CWH10



T70CWH6

Part Number	Fitting Type	Overall Length ft. (m)	Color
T70CWH10	Channel	10 (3)	White
T70CWH6		6 (1.83)	
T70CWH8		8 (2.44)	

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

T-70 Raceway Base



- Provides a tamper resistant, multichannel pathway capable of routing low voltage power, fiber optic, or power cabling
- UL and CSA rated 600 V
- Meets UL 5A and CSA C22.2 No. 62.1-03 standards
- FT4 rated
- Includes pre-punched mounting holes
- Compatible with NEMA standard 70mm faceplates or Mini-Com® Classic Series Snap-On Faceplates
- Transitions to T-45 Surface Raceway and LD Profile Raceway
- A variety of T-70 fittings available to maintain TIA/EIA-568-B and 569-B required minimum bend radius for copper and fiber cabling systems



T70BIW6

Part Number	Fitting Type	Overall Length ft. (m)	Color
T70BIW6	Channel	6 (1.83)	Off White
T70BWH10		10 (3)	White
T70BWH8		8 (2.44)	

T-70 Raceway is available in a variety of colors and lengths, visit panduit.com.

T-70 Divider Wall



- Allows separation within T-70 Surface Raceway Sections



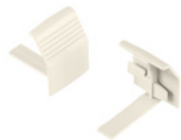
T70DW10

Part Number	Fitting Type	Overall Length ft. (m)	Color
T70DW10	Divider Wall	10 (3)	International Gray
T70DW6		6 (1.83)	
T70DW8		8 (2.44)	

T-70 Base Coupler



- Covers the side gaps left when connecting two T-70 Surface Raceway Channel Bases, providing a seamless and continuous pathway.



T70BCWH-X

Part Number	Fitting Type	Color
T70BCWH-X	Coupler	White

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

T-70 Cover Coupler



- Connects three T-70 Surface Raceway Channels, providing a secure and continuous pathway



T70CCWH-X

Part Number	Color
T70CCWH-X	White

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

T-70 Device Mounting Bracket



- UL and CSA rated 600 V
- Meets UL 5A and CSA C22.2 Classic Series Snap-On Faceplates
- Used to mount NEMA standard single gang electrical outlets and communication devices
- Will accept screw-on or snap-on single gang faceplates



T70DB-X

Part Number	Fitting Type	Color
T70DB-X	Bracket	International Gray

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

T-70 End Cap



- Provides a secure and clean solution for ending T-70 Surface Raceway



T70ECWH

Part Number	Color
T70ECWH	White

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

T-70 Entrance End



- Ensures smooth cable entry into T-70 Surface Raceway



T70EEWH

Part Number	Color
T70EEWH	White

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

T-70 Inside Corner



- Routes cable around inside corners



T70ICWH

Part Number	Fitting Type	Color
T70ICWH	Inside Corner	White

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

T-70 Offset Box



- Maximizes channel capacity and outlet density through offset outlet positioning



T70WC2WH

Part Number	Mount Method	Color
T70WC2WH	Snap-On	White

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

T-70 Outside Corner



- Routes cable around outside corners



T700CWH

Part Number	Fitting Type	Color
T700CWH	Outside Corner	White

Fiber Optic
Systems

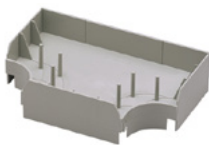
Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

T-70 Tee Divider



- Allows for teeing and dividing T-70 Surface Raceway Sections



T70TD

Part Number	Fitting Type	Color
T70TD	Tee	International Gray

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index

T-70 Tee Fitting



- Allows for teeing T-70 Surface Raceway Sections



T70TWH

Part Number	Fitting Type	Color
T70TWH	Tee	White

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

T-70 Three-Sided Hanging Box



- Routes cables with a three-sided hanging box when installing single-gang electrical outlets



T70HB3-X

Part Number	Short Description	Color
T70HB3-X	Surface Raceway, T-70 3 Sided Hanging Box for S/G Electric Outlet	International Gray

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

T-70 Transition Fitting Cover



- This low voltage fitting cover connects two T-70 Surface Raceway Channels or serves as a connection point for LD, LDPH, and T-45 Surface Raceway Channels



T70TRCWH

Part Number	Color
T70TRCWH	White

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

T-70 Classic Series 106 Duplex Faceplate, Snap-On



- Compatible with standard power receptacles and communication adapters, it snaps onto T-70 Surface Raceway



T70PWH

Part Number	Color
T70PWH	White

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

T-70 Classic Series GFCI Faceplate, Snap-On



- Provide Maximum Flexibility for Routing, Protecting, and Concealing High-Performance Copper, Voice, Video, Fiber Optic, and Electrical Wiring
- Compatible with standard power receptacle and communication adapters



T70PGWH

Part Number	Color
T70PGWH	White

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

T-70 Sloped Faceplate



- Provide Maximum Flexibility for Routing, Protecting, and Concealing High-Performance Copper, Voice, Video, Fiber Optic, and Electrical Wiring



T70FH2WH



T70FH4WH



T70FV2WH



T70FV4WH

Part Number	Mount Orientation	Number of Ports	Color
T70FH2WH	Horizontal	2	White
T70FH4WH		4	
T70FV2WH	Vertical	2	
T70FV4WH		4	

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Above Floor Raceway 4-Channel Base and Cover



- Protects and conceals data, voice, video, fiber optic, and power cables over floors while meeting ADA-compliant standards



AFR4BCBL6

Part Number	Overall Length In. (mm)	Includes	Color
AFR4BCBL6	72 (-)	(1) 4-Channel Base, (1) 4-Channel Cover, (8) Hex Washer Head Concrete Screws	Black

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

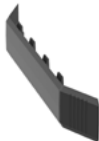
Copper
Systems

Fiber Optic
Systems

Above Floor Raceway 4-Channel Coupler Cover



- Seamlessly connects above-floor raceway channels for a continuous and secure cable path



AFR4CCBL

Part Number	Includes	Color
AFR4CCBL	(1) Coupler Fitting	Black

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Above Floor Raceway 4-Channel End Cap



- 4-channel end cap cleanly finishes above-floor raceway runs, preventing tripping hazards and providing a professional look



AFR4ECBL

Part Number	Includes	Color
AFR4ECBL	(1) End-Cap Fitting	Black

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Above Floor Raceway 4-Channel Right Angle Fitting



- 4-channel right-angle fitting turns raceway corners smoothly, protecting cables and maintaining a clean look



AFR4RABL

Part Number	Includes	Color
AFR4RABL	(1) 4-Channel Right Angle Base, (1) 4-Channel Right Angle Cover, (4) Hex Washer Head Concrete Screws	Black

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Above Floor Raceway 4-Channel Table Leg Fitting



- 4-channel table leg fitting seamlessly integrates with your raceway, providing a clean path for cables to run from the floor up to the desk



AFR4TBLGBL

Part Number	Color
AFR4TBLGBL	Black

Fiber Optic
Systems

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Above Floor Raceway 4-Channel Wall Transition Fitting



- Routes cables from floor to wall with our above floor raceway 4-channel wall transition fitting



AFR4WTRBL

Part Number	Color
AFR4WTRBL	Black

Safety &
Security

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index

Above Floor Raceway 4-Channel Double Gang Junction Box



- Expand your above-floor cable management with our junction box. It fits the AFR4BCBL6 channel and hold any two outlets or switches you need for easy power access.
- Compatible with the AFR4BCBL6 channel
- Accepts any two outlets or switches for easy power access
- Power rated 4 channel design



AFR4JB2SBL

Part Number	Includes	Color
AFR4JB2SBL	(1) Cover, (1) Divider, (1) Base, (4) Hex Washer Head Concrete Screws, (4) Bination-Head Screws	Black

Cabinets,
Thermal
Mgmt,
Racks &
Enclosures

Copper
Systems

Fiber Optic
Systems

GFCI Faceplate, Screw-On



- Compatible with NEMA standard outlets or communication modules



CPGWH

Part Number	Color
CPGWH	White

Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

One-Piece Deep Junction Box, Low Voltage



JB1DIW-A

Part Number	Gang Opening Type	Overall Depth In. (mm)	Color
JB1DIW-A	Single Gang	2.75 (69.85)	Off White

Signs,
Labels
& ID

Wire
Routing,
Mgmt &
Protection

Wire
Termination

Part
Number
Index

One-Piece Standard Junction Box, Low Voltage



- One-piece single gang junction box, accepts low voltage single gang faceplates
- One-piece boxes are supplied with adhesive backing to speed installation



JB1WH-A

Part Number	Gang Opening Type	Overall Depth In. (mm)	Color
JB1WH-A	Single Gang	- (-)	White

Snap Together Standard Junction Box, Low Voltage



- Snap together boxes assemble without the use of screws
- Two-piece snap together outlet box



JBX3510WH-A

Part Number	Gang Opening Type	Color
JBX3510WH-A	Single Gang	White

One-Piece Deep Junction Box, Low Voltage



JB1DIW-A

Part Number	Gang Opening Type	Overall Depth In. (mm)	Color
JB1DIW-A	Single Gang	2.75 (69.85)	Off White

Two-Piece Standard Junction Box, Power Rated

- Accepts NEMA standard double gang faceplates
- Fast-Snap boxes are supplied with adhesive backing to speed installation
- Double gang two-piece screw together outlet box



JBP2WH

Part Number	Gang Opening Type	Color
JBP2WH	Double Gang	White

Two-Piece Deep Junction Box, Power Rated



- Accepts standard NEMA single gang faceplates
- Single gang two-piece screw together outlet box



JBP1DWH

Part Number	Gang Opening Type	Color
JBP1DWH	Single Gang	White

Panduct® Type D Round Hole Wiring Duct

- Round-hole duct base design supports wire routing at variable heights and positions
- Integrated mounting hole pattern enables secure attachment to panels and enclosures
- Lead-free PVC construction with UL 94 V-0 flammability rating for flame-retardant applications
- UL Recognized for continuous use temperatures up to 122°F (50°C)
- Conforms to NFPA 79-2015 Section 13.3.1 material requirements
- Six-foot base and cover length supports continuous duct runs
- Base and cover sold separately for flexible ordering and installation planning



D1.5X4LG6



D2X4LG6

Part Number	Nominal Width (In.)	Nominal Height (In.)	Overall Length (ft.)	Includes	Cover Part Number	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
D1.5X4LG6	1.5	4	6	(1) Base	C1.5LG6	Light Gray	6	60
D2X4LG6	2				C2LG6			

Available in a variety of sizes and colors, visit panduit.com.

Panduit® Type F Narrow Slot Wiring Duct

- Narrow slot and finger geometry increases slot density for compatibility with high-density terminal blocks and hardware
- Integrated mounting hole pattern supports secure attachment to panels and enclosures
- Lead-free PVC construction with UL 94 V-0 flammability rating for flame-retardant applications
- UL Recognized for continuous use temperatures up to 122°F (50°C)
- Conforms to NFPA 79-2015 Section 13.3.1 material requirements
- Six-foot base and cover length supports continuous duct runs
- Base and cover sold separately for flexible ordering and installation planning



F.75X1.5LG6



F.75X1.5WH6



F1.5X1.5LG6



F1.5X2LG6



F1.5X2WH6

Part Number	Nominal Width (In.)	Nominal Height (In.)	Slot Width In. (mm)	Cover Part Number	Color	Std. Pkg. Qty.	Std. Ctn. Qty.	
F.75X1.5LG6	0.75	1.5	0.2 (5)	C.75LG6	Light Gray	6	120	
F.75X1.5WH6				C.75WH6	White			
F1.5X1.5LG6	1.5	2		C1.5LG6	Light Gray			60
F1.5X2LG6				C1.5WH6	White			
F1.5X2WH6		3		C1.5LG6	Light Gray			
F1.5X3LG6				C1.5WH6	White			
F1.5X3WH6		4		C1.5LG6	Light Gray			
F1.5X4LG6				C1.5WH6	White			
F1.5X4WH6	1	1.5		C1LG6	Light Gray	6	120	
F1X1.5WH6				C1WH6	White			
F1X1LG6		1		C1LG6	Light Gray			
F1X1WH6				C1WH6	White			
F1X2LG6		2		C1LG6	Light Gray		60	
F1X2WH6				C1WH6	White			
F1X3WH6		3		C1WH6	White			
F1X4LG6				4	C1LG6			Light Gray
F1X4WH6	2.5	3			C1WH6	White	6	120
F2.5X3LG6				C2.5LG6	Light Gray			
F2X2LG6	2	2		C2LG6	Light Gray	60		
F2X2WH6				C2WH6	White			
F2X3LG6		3		C2LG6	Light Gray			
F2X3WH6				C2WH6	White			
F2X4LG6		4		C2LG6	Light Gray	120		
F2X4WH6				C2WH6	White			
F2X5LG6	5	C2LG6		Light Gray				
F2X5WH6		C2WH6		White				
F3X2LG6	3	2		C3LG6	Light Gray	6	120	
F3X2WH6				C3WH6	White			
F3X3LG6	3	3	0.2 (5)	C3LG6	Light Gray	6	60	

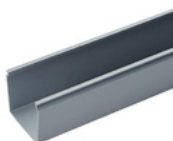
Panduit® Type F Narrow Slot Wiring Duct (continued)

Part Number	Nominal Width (In.)	Nominal Height (In.)	Slot Width In. (mm)	Cover Part Number	Color	Std. Pkg. Qty.	Std. Ctn. Qty.		
F3X3WH6	3	3	0.2 (5)	C3WH6	White	6	60		
F3X4LG6		4		C3LG6	Light Gray				
F3X4WH6		5		C3WH6	White				
F3X5LG6				C3LG6	Light Gray				
F3X5WH6				C3WH6	White				
F4X3LG6	4	3		C4LG6	Light Gray			6	60
F4X3WH6		4		C4WH6	White				
F4X5LG6				C4LG6	Light Gray				
F4X5WH6				C4WH6	White				
F6X4LG6				6	4				

Available in a variety of sizes and colors, visit panduit.com.

Panduit® Type FS Solid Wall Wiring Duct

- Solid-wall duct design fully encloses cables for physical protection and controlled routing
- Lead-free PVC construction with UL 94 V-0 flammability rating for flame-retardant applications
- UL Recognized for continuous use temperatures up to 122°F (50°C)
- Conforms to NFPA 79-2015 Section 13.3.1 material requirements
- Six-foot base and cover length supports continuous duct runs
- Available with or without factory mounting holes for installation preference
- Base and cover sold separately for flexible ordering and installation planning



FS2X2LG6NM

Part Number	Nominal Height (In.)	Nominal Width (In.)	Overall Length (ft.)	Mount Method	Includes	Cover Part Number	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
FS2X2LG6NM	2	2	6	No Mounting Holes	(1) Base	C2LG6	Light Gray	6	120

Available in a variety of sizes and colors, visit panduit.com.

Full product portfolio and solutions at panduit.com



Panduit® Type G Wide Slot Wiring Duct

- Wide slot and finger geometry provides rigid sidewalls while accommodating varied wire bundle sizes
- Integrated mounting hole pattern supports secure attachment to panels and enclosures
- Lead-free PVC construction with UL 94 V-0 flammability rating for flame-retardant applications
- UL Recognized for continuous use temperatures up to 122°F (50°C)
- Conforms to NFPA 79-2015 Section 13.3.1 material requirements
- Six-foot base and cover length supports continuous duct runs
- Base and cover sold separately for flexible ordering and installation planning



G.5X2LG6



G.75X2LG6



G1.5X1.5LG6



G1.5X2LG6



G1.5X2WH6

Part Number	Slot Width In. (mm)	Nominal Height (In.)	Nominal Width (In.)	Overall Length (ft.)	Mount Method	Includes	Cover Part Number	Color	Std. Pkg. Qty.	Std. Ctn. Qty.								
G.5X2LG6	0.37 (9.4)	2	0.5	6	Mounting Holes	(1) Base	C.5LG6	Light Gray	6	120								
G.75X2LG6	0.31 (7.9)		0.75				C.75LG6											
G1.5X1.5LG6	1.5	1.5					C1.5LG6											
G1.5X2LG6	2						C1.5WH6	White										
G1.5X2WH6	3						C1.5LG6	Light Gray		60								
G1.5X3LG6							C1.5WH6	White										
G1.5X3WH6	4						C1.5LG6	Light Gray										
G1.5X4LG6							C1.5WH6	White										
G1X1.5LG6	1.5						1					C1LG6	Light Gray	6	120			
G1X1.5WH6	1						C1WH6	White										
G1X1LG6							1					C1LG6	Light Gray					
G1X1LG6-A																		
G1X2LG6	2				Mounting Holes with Adhesive		C1WH6	White										
G1X2LG6-A					Mounting Holes													
G1X2WH6	3				Mounting Holes with Adhesive		C1LG6	Light Gray										
G1X2WH6					Mounting Holes													
G1X3LG6	4				Mounting Holes with Adhesive		C1WH6	White										
G1X3LG6-A					Mounting Holes													
G1X3WH6	1.5				Mounting Holes		C1WH6	White										
G1X4LG6							2					C1LG6	Light Gray		60			
G1X4WH6	C1WH6	White																
G2X1.5LG6	3						C2LG6	Light Gray	120	60								
G2X2BL6							C2BL6	Black										
G2X2LG6	2						C2LG6	Light Gray										
G2X2WH6							C2WH6	White										
G2X3BL6	0.31 (7.9)						C2BL6	Black			6	60						
G2X3LG6																		
G2X3LG6-A	0.31 (7.9)	3	2				6	Mounting Holes with Adhesive	(1) Base	C2LG6	Light Gray	6	60					

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& ID

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Panduit® Type G Wide Slot Wiring Duct (continued)

Part Number	Slot Width In. (mm)	Nominal Height (In.)	Nominal Width (In.)	Overall Length (ft.)	Mount Method	Includes	Cover Part Number	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
G2X3WH6	0.31 (7.9)	3	2	6	Mounting Holes	(1) Base	C2WH6	White	6	60
G2X4LG6		4					C2LG6	Light Gray		
G2X4WH6		5					C2WH6	White		
G2X5LG6	0.38 (9.4)	5	C2LG6				Light Gray			
G3X2LG6	0.31 (7.9)	2	C3LG6					6	120	
G3X3BL6		3	C3BL6				Black			
G3X3LG6			C3LG6				Light Gray			
G3X3WH6			C3WH6				White			
G3X4LG6			4				C3LG6	Light Gray		
G3X4WH6		5	C3WH6				White			
G3X5LG6	0.38 (9.4)	5	C3LG6				Light Gray			
G4X3LG6	0.31 (7.9)	3	C4LG6					6	60	
G4X4BL6		4	C4BL6				Black			
G4X4LG6			C4LG6				Light Gray			
G4X4WH6			C4WH6				White			
G4X5LG6			5				C4LG6			Light Gray
G6X4LG6		0.31 (7.9)	4				C6LG6			
G6X4WH6										

Available in a variety of sizes and colors, visit panduit.com.

Panduit® Type G EMI Shielded Wide Slot Wiring Duct

- Continuous metallic foil shields outer duct surfaces to reduce EMI/RFI between sensitive and noisy wiring, delivering up to 20 dB noise reduction or 90% NVR, equivalent to 6 inches of air spacing
- Slotted sidewalls with horizontal bridge connectors support wire management while maintaining noise reduction across the full duct height
- Slot geometry accommodates multiple wire types and sizes, including UTP Ethernet cabling
- PVC wiring duct base fully contains and protects wiring; compatible with standard Panduit wiring duct covers and easy to cut and install
- Installs using standard fasteners, including Panduit NR1 rivets
- Compatible with C2LG6 or C2WH6 covers for shielded wiring duct applications



G2X2LG6EMI

Part Number	Nominal Width (In.)	Nominal Height (In.)	Overall Length ft. (m)	Includes	Color	Cover Part Number	Std. Pkg. Qty.
G2X2LG6EMI	2	2	6 (1.83)	(1) Base	Light Gray	C2LG6	12
G2X3LG6EMI		3					
G2X4LG6EMI		4					

Panduct® Type H Wide Slot Wiring Duct with Hinged Cover

- Dual-sided hinged cover snaps onto base, opens from either side, and remains attached when opened
- Hinged cover design enables repeated access without cover removal or replacement
- Rigid duct construction supports wire routing for general-purpose indoor applications
- Lead-free PVC construction with UL 94 V-0 flammability rating for flame-retardant applications
- UL Recognized for continuous use temperatures up to 122°F (50°C)
- Conforms to NFPA 79-2015 Section 13.3.1 material requirements
- Six-foot base and cover length supports continuous duct runs
- Base and cover sold separately for flexible ordering and installation planning



H2X4LG6

Part Number	Slot Width In. (mm)	Nominal Height (In.)	Nominal Width (In.)	Overall Length (ft.)	Mount Method	Includes	Cover Part Number	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
H2X4LG6	0.31 (7.9)	4	2	6	Mounting Holes	(1) Base	HC2LG6	Light Gray	6	60

Available in a variety of sizes and colors, visit panduit.com.

Panduct® Type MC Narrow Slot Wiring Duct with Cover

- CE compliant design with metric sizing supports control panels for European applications
- DIN 43 659 mounting hole pattern enables compatibility with metric panel layouts
- Lead-free PVC construction with UL 94 V-0 flammability rating for flame-retardant applications
- UL Recognized for continuous use temperatures up to 122°F (50°C)
- Conforms to NFPA 79-2015 Section 13.3.1 material requirements
- Duct and cover packaged together in two-meter lengths
- Available in International Gray and White
- Base and cover sold together



MC50X75IG2

Part Number	Slot Width In. (mm)	Overall Length (ft.)	Mount Method	Includes	Cover Part Number	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
MC50X75IG2	0.2 (5)	6.6	DIN Standard Mounting Holes	(1) Base, (1) Cover	C50IG2 (included)	International Gray	2	10

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Signs,
Labels
& ID

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Panduit® Type NE Wide Slot Wiring Duct

- Halogen-free polyphenylene oxide construction supports high-temperature and low-smoke applications
- UL Recognized for continuous use temperatures up to 203°F (95°C)
- UL 94 V-0 flammability rating supports flame-retardant material requirements
- Meets EN 45545-2 Hazard Level HL1 requirements for R23 exterior applications
- Conforms to NFPA 79-2015 Section 13.3.1 material requirements
- Integrated mounting hole pattern supports secure attachment to panels and enclosures
- Six-foot base and cover length supports continuous duct runs
- Material is incompatible with hydrocarbons, which may cause stress cracking
- Available in WH (White) only



NE1X1WH6



NE1X2WH6



NE1X3WH6



NE1X4WH6



NE2X1WH6

Part Number	Slot Width In. (mm)	Nominal Height (In.)	Nominal Width (In.)	Overall Length (ft.)	Mount Method	Includes	Cover Part Number	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
NE1X1WH6	0.31 (7.9)	1	1	6	DIN Standard Mounting Holes	(1) Base	NC1WH6	White	6	120
NE1X2WH6		2								
NE1X3WH6		3								
NE1X4WH6		4								60
NE2X1WH6		2	2		Mounting Holes with Adhesive		NC2WH6			120
NE2X2WH6		3								
NE2X2WH6-A		2								
NE2X3WH6		3								
NE2X4WH6		4								
NE3X4WH6	0.38 (9.4)	5	3		DIN Standard Mounting Holes		NC3WH6		60	
NE3X5WH6										
NE4X3WH6	0.31 (7.9)	3	4				NC4WH6			
NE4X4WH6		4								

Available in a variety of sizes, visit panduit.com.
Available in White only.



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Panduit® Type NNC Wide Slot Wiring Duct

- Halogen-free polyphenylene oxide construction verified per IEC 60754-2 for low corrosive gas emission
- UL Recognized for continuous use temperatures up to 203°F (95°C)
- UL 94 V-0 flammability rating supports flame-retardant material requirements
- Meets EN 45545-2 Hazard Level HL1 requirements for R23 exterior applications
- Conforms to NFPA 79-2015 Section 13.3.1 material requirements
- DIN 43 659 mounting hole pattern supports metric panel layouts
- Metric sizing with progressive finger geometry supports organized wire routing
- Duct and cover packaged together in two-meter lengths



NNC50X75LG2



NNC75X75WH2

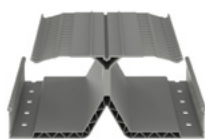
Part Number	Slot Width In. (mm)	Overall Length (ft.)	Mount Method	Includes	Cover Part Number	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
NNC50X75LG2	0.39 (10)	6.5	DIN Standard Mounting Holes	(1) Base, (1) Cover	NC50LG2 (included)	Light Gray	2	10
NNC75X75WH2					NC75WH2 (included)	White		

Available in a variety of sizes, visit panduit.com.

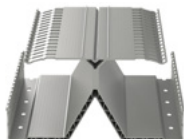
Available in Light Gray or White only.

Panduit® PanelMax™ Type DRD DIN Rail Wiring Duct

- Integrated DIN rail mounting platform positions rail above wire management channel to reduce panel footprint by up to 30%
- Compatible with standard 35 mm and 15 mm DIN rails and common DIN rail-mounted components
- Integrated DIN rail fastening slot supports direct rail attachment using plastic thread-cutting screws providing up to 40% faster installation
- Hinged cover remains attached during service access to maintain enclosure organization
- L-shaped cover provides a temporary wire support surface during installation
- Slotted horizontal platform and vertical sidewall slots route wires from rail-mounted and adjacent components
- Internal pass-through slots enable wire transitions between channels on the same rail
- Optional wire retainer accessory secures cables when cover is open or removed



DRD22LG6



DRD44LG6



DRD44WH6

Part Number	Nominal Width (In.)	Nominal Height (In.)	Overall Length ft. (m)	Includes	Cover Part Number	Color	Std. Pkg. Qty.
DRD22LG6	6	2	6 (1.83)	Base, Covers, DIN Rail Fasteners	DRDC2LG6	Light Gray	6
DRD33LG6	7	3			DRDC3LG6		
DRD44LG6	8	4			DRDC4LG6		
DRD44WH6					DRDC4WH6	White	

Available in a variety of sizes and colors, visit panduit.com.

Panduit® PanelMax™ Type CWD Corner Wiring Duct

- Fits in the unused space in the vertical corner of enclosures, gaining sub-panel space or saving enclosure footprint area
- One-piece base requires less time to install than multi-piece solutions
- Optional quick mount clips engage anywhere along the product base further reducing assembly costs
- Panduit divider wall snaps directly to the integrated mounting feature in the channel to create two separate channels
- Improves aesthetics between back panel and side panel wiring connections
- Compatible with Panduit 2-inch, 3-inch, and 4-inch height wiring duct
- All product sizes use standard 2-inch wiring duct cover
- Base and cover length is 6 feet
- Base and covers sold separately



CWD3LG6

Part Number	Nominal Height (In.)	Slot Width In. (mm)	Cover Part Number	Std. Ctn. Qty.
CWD3LG6	3	0.2 (5)	C2LG6	24
CWD4LG6	4			

Panduit® Flush Wiring Duct Cover



- Snap-on cover design provides tool-free attachment with secure retention on compatible wiring duct bases
- Reusable construction supports repeated installation and removal without cover deformation
- Lead-free PVC construction meets material compliance requirements for commercial applications
- Offered with flush cover option or flush cover with protective film for installation phase protection
- Available in multiple widths for compatibility with Panduit Type G, F, D, and FS wiring duct bases
- Each cover is 6 feet in length



C.5LG6



C.75LG6



C.75WH6



C1.5LG6-F



C1.5WH6

Part Number	Compatible Duct Width In. (mm)	For Use With	Wiring Duct Style	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
C.5LG6	0.5 (12.7)	Type G, Type F, Type D and Type FS Duct Base	Flush Cover	Light Gray	6	120
C.75LG6	0.75 (19)			White		
C.75WH6			Flush Cover with Film	Light Gray		
C1.5LG6-F	1.5 (38.1)		Flush Cover	White		
C1.5WH6			Flush Cover with Film			
C1.5WH6-F			Flush Cover	White		
C1LG6-F	1 (25.4)	Type G, Type F, Type D and Type FS Duct Base	Flush Cover	White	6	120
C1WH6	1 (25.4)			White		

Panduit® Flush Wiring Duct Cover (continued)

Part Number	Compatible Duct Width In. (mm)	For Use With	Wiring Duct Style	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
C1WH6-F	1 (25.4)	Type G, Type F, Type D and Type FS Duct Base	Flush Cover with Film	White	6	120
C2BL6	2 (50.8)	Type G, Type F, Type D and Type FS Duct Base; PanelMax Corner Wiring Duct	Flush Cover	Black		
C2LG6-F			Flush Cover with Film	Light Gray		
C2WH6			Flush Cover	White		
C2WH6-F			Flush Cover with Film			
C3BL6			3 (76.2)			
C3LG6-F	Flush Cover with Film	Light Gray				
C3WH6	Flush Cover	White				
C3WH6-F	Flush Cover with Film					
C4BL6	4 (101.6)	Type G, Type F, Type D and Type FS Duct Base	Flush Cover	Black		
C4LG6-F			Flush Cover with Film	Light Gray		
C4WH6			Flush Cover	White		
C4WH6-F			Flush Cover with Film			
C6LG6	6 (152.4)		Flush Cover	Light Gray		
C6WH6				White		

Available in a variety of sizes and colors, visit panduit.com.
Base and covers sold separately.

Panduit® Halogen-Free Flush Wiring Duct Cover



- Halogen-free polyphenylene oxide construction supports high-temperature and low-smoke applications
- UL Recognized for continuous use temperatures up to 203°F (95°C)
- UL 94 V-0 flammability rating supports flame-retardant material requirements
- Meets EN 45545-2 Hazard Level HL1 requirements for R23 exterior applications
- Conforms to NFPA 79-2015 Section 13.3.1 material requirements
- Integrated mounting hole pattern supports secure attachment to panels and enclosures
- Six-foot base and cover length supports continuous duct runs



Part Number	Compatible Duct Width In. (mm)	Overall Length ft. (m)	Overall Width In. (mm)	Overall Height (In.)	For Use With	Color	Std. Pkg. Qty.
NC1WH6	1 (25.4)	6 (1.83)	1.25 (31.8)	0.35	Type NE Halogen-Free Wiring Duct	White	6
NC2WH6	2 (50.8)		2.25 (57.2)				

Available in a variety of sizes and colors, visit panduit.com.

Panduit® Type FL Flexible Wiring Duct

- Flexible polypropylene construction supports routing around tight bends and irregular panel layouts
- Interlocking finger design eliminates the need for separate covers
- Factory-applied adhesive tape enables direct mounting to flat surfaces
- UL Recognized for continuous use temperatures up to 149°F (65°C)
- UL 94 V-2 flammability rating supports flame-retardant material requirements
- Optional -AV high-bond adhesive variant supports high-vibration panel door and robotics applications
- Five-year shelf life rating for factory-applied adhesive tape
- Base and cover sold separately for flexible ordering and installation planning



FL12X12LG



FL25X25LG



FL25X25LG-AV



FL50X50LG

Part Number	Nominal Width (mm)	Nominal Height (mm)	Overall Length ft. (m)	Includes	Color	Std. Pkg. Qty.
FL12X12LG	12	12	1.64 (0.5)	-	Light Gray	112
FL12X12LG-AV				High Bond Adhesive		
FL25X25LG	25	25		-		70
FL25X25LG-AV				High Bond Adhesive		
FL50X50LG	50	50		-		32
FL50X50LG-AV				High Bond Adhesive		

Available in a variety of sizes, visit panduit.com.
Available in Light Gray only.

Panduit® Nylon Rivet Installation Tool

- Install and remove nylon rivets effortlessly
- Ideal for smart control panels
- Ensures efficient use of space and improves productivity



TNR

Part Number	Product Type	Std. Pkg. Qty.
TNR	Hand-Held Nylon Rivet Installation Tool	1

Full product portfolio and solutions at panduit.com



Panduct® Bench Mount Duct Cutting Tool

- Easily cut Panduct® Products with the bench mount or hand-held duct cutting tool
- Cuts slotted wiring ducts and wiring duct covers with up to 6" width and up to 5" height
- Full 78.74" (2 meter) measuring scale
- Includes safety guarding
- Product comes in two separate boxes



PBDCT

Part Number	For Use With	Std. Pkg. Qty.
PBDCT	Slotted Wiring Duct and Covers	1

Panduct® Handheld Duct Cutting Tool

- Hand-operated cutting tool designed for straight cuts through wiring duct base and sidewalls
- Controlled cutting action supports clean duct length trimming without crushing or deformation
- Tool geometry accommodates common wiring duct profiles used in control panels
- Durable metal construction supports repeated use in panel shop and field environments



DCT

Part Number	For Use With	Std. Pkg. Qty.
DCT	Wiring Duct and Cover	1

Panduct® Nylon Rivet



NR1-C

Part Number	For Use With	Std. Pkg. Qty.
NR1-C	TNR Rivet Tool	100
NR1-M		1000

Panduit® Type G and H Wiring Duct Wire Retainer



- Retainer design maintains cable positioning within Type G and Type H wiring duct channels
- Supports organized cable routing within wiring duct assemblies
- Snap-in configuration allows installation without tools
- Lead-free PVC construction with UL 94 flammability rating for use in control panel applications

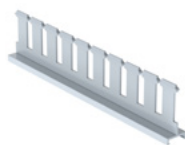


WR2-C

Part Number	Compatible Duct Width In. (mm)	Compatible Duct Height In. (mm)	Std. Pkg. Qty.	Std. Ctn. Qty.
WR2-C	2 (50.8)	4 (101.6)	100	1000

Panduit® Slotted Divider Wall

- Divider wall mounts within Panduit PVC wiring duct to create multiple internal routing channels
- Scoreline feature on divider walls 2 inches and taller allows field length adjustment with smooth edges
- Divider wall material is lead-free PVC with UL 94 V-0 flammability rating
- Meets UL 508 and 508A insulation material requirements
- Snap-on divider wall design interfaces with DB-C mounting base for secure positioning; DB-C mounting base required and sold separately
- Mounting base material is polycarbonate with UL 94 V-2 flammability rating



SD2H6



SD3H6



SD4H6

Part Number	Compatible Duct Height In. (mm)	Overall Length ft. (m)	For Use With	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
SD2H6	2 (50.8)	6 (1.83)	PVC Wiring Duct	Light Gray	6	120
SD3H6	3 (76.2)					
SD4H6	4 (101.6)					



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Panduit® PanelMax™ Noise Shield Kit



- Shielded barrier reduces EMI/RFI coupling between adjacent wiring paths, providing up to 20 dB noise attenuation
- Barrier performance is equivalent to approximately 6 inches of air spacing between conductors
- Perforated, pre-scored sections allow field length adjustment with minimal edge finishing
- Vertical wall slots permit 90° wire transitions across the barrier when required
- Horizontal cable tie slots support secure bundle positioning along the barrier
- Zinc-plated steel contact surface enables direct bonding to metal subpanels
- Included bonding clips maintain grounding continuity when installed within Panduit wiring duct
- Powder-coated vertical surfaces provide smooth, finished edges
- Meets UL 508 and 508A requirements for use as a barrier between conductors



SD3EMI



SD4EMI

Part Number	Compatible Duct Height In. (mm)	Overall Length ft. (m)	For Use With	Includes	Std. Pkg. Qty.
SD3EMI	3 (76.2)	3 (0.91)	Panduit Wiring Duct 3" in height	(2) Three Foot Sections, Bonding Clips, Anti-Oxidizing Paste	1
SD4EMI	4 (101.6)		Panduit Wiring Duct 4" in height		

Panduit® DB-C Divider Wall Mounting Disk



- Mounting base material: Polycarbonate, UL 94 flammability rating of V-2



DB-C

Part Number	Screw Size	Std. Pkg. Qty.	Std. Ctn. Qty.
DB-C	#8, #10, M4 or M5	100	1000

Stackable Cable Rack Spacer

- Maximize cable rack space and protect thicker cables with this stackable cable rack spacer
- Creates a tidy, efficient setup in the equipment room
- RoHS compliant



CRS4-125-X

Part Number	Material	Compatible Hole Dia. (In.)
CRS4-125-X	Glass-Filled Nylon 6.6	1.25

Dynamic Cable Manager

- Secures cable bundles in control panels that have hinged access into the panel box
- Dimensions 1.12 Inches L x 1.2 Inches W (28.5mm x 28.5mm)
- For Indoor Use Only



ABDCM30-A-C

Part Number	Mount Method	For Use With	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
ABDCM30-A-C	Adhesive Tape	Miniature, Intermediate and Standard Cable Ties	White	100	500
ABDCM30-AV-C					

Individual Cushion Sleeve

- Durable cushion sleeving provides mechanical protection for cable insulation and conductors
- Engineered for harsh environments to limit cable movement and reduce damage during short-circuit fault conditions



CSB42-150-230-Q



CSB42-230-330-Q



CSB42-330-430-Q

Part Number	Bundle Diameter Range In. (mm)	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Std. Pkg. Qty.
CSB42-150-230-Q	0.63 – 2.75 (16 – 70)	10.8 (274)	1.68 (42.7)	0.1 (2.5)	25
CSB42-230-330-Q	1.14 – 3.94 (29 – 100)	14.8 (376)			
CSB42-330-430-Q	1.73 – 5.12 (44 – 130)	18.8 (478)			

Protective Cushion Strip



PCSLSH-B-CR



PCSSH-B-CR

Part Number	Material	Overall Length In. (mm)	Overall Width In. (mm)	Overall Height In. (mm)	Std. Pkg. Qty.
PCSLSH-B-CR	TPE	1200 (30500)	1.05 (26.8)	0.25 (6.4)	1
PCSSH-B-CR	Neoprene		0.91 (23.1)	0.38 (9.7)	

Uniclip I-Beam Bracket

- Secure ladder rungs with this durable, galvanized steel bracket
- Ideal for short-circuit protection, works both indoors and outdoors with stainless steel buckle and locking strap cleats



UCIB1-V316

Part Number	Short Description	Std. Pkg. Qty.
UCIB1-V316	Cable Cleat Bracket, UC Series, 316L SS, I-Beam Rung, PK5	5

Uniclip Strut Type Bracket

- Secures strut-type ladder racks with ease
- Compatible with galvanized steel, stainless steel, or aluminum to ensure reliable support for various constructions needs
- High resistance to lateral and axial movement



UCSQ1-V316

Part Number	Short Description	Std. Pkg. Qty.
UCSQ1-V316	UCSQ1-V316 Cable Cleat Bracket, UC Series, 316L SS, Strut Rung, PK5	5

Uniclip Top Hat Bracket

- Provides robust protection against high short circuit faults in tough environments
- Easy to install, ideal for indoor/outdoor use with Panduit MLT and MS strapping cable cleats



UCTH1-V316

Part Number	Short Description	Std. Pkg. Qty.
UCTH1-V316	UCTH1-V316 Cable Cleat Bracket, UC Series, 316L SS, Top-Hat Rung, PK5	5

Tak-Ty® Hook & Loop Cable Tie Roll

- Soft, premium material is safe to use on high performance network cables protecting against over-tensioning
- Broad selection of durable designs and sizes
- Adjustable, releasable, and re-usable hundreds of times – ideal for applications requiring frequent moves, adds, or changes
- Easy to use and operator safe with no sharp edges
- A full range of colors
- Operating temperature range: 0°F – 220°F (-18°C – +104°C)
- Complementary mounts available
- Minimum 2" overlap required to achieve loop tensile rating



HLM-15R0



HLM-15R15



HLM-15R16



HLS-15R0

Part Number	Overall Length In. (mm)	Body Width In. (mm)	Min. Loop Tensile Strength lb/ft (N)
★ HLM-15R0	180 (4572)	0.33 (8.4)	18 (80)
HLM-15R10			
HLM-15R15			
HLM-15R16			
HLM-15R6			
★ HLS-15R0	900 (22860)	0.75 (19.1)	50 (222)
HLS-15R10			
★ HLS-75R0			
HLS-75R6			

Tak-Tape™ Hook & Loop Cable Tie Roll

- Strong, low profile, flexible material is safe to use on high performance cabling protecting against over-tensioning
- Adjustable, releasable, and re-usable
- Cost-effective for general purpose bundling
- Leaves no residue
- Operating temperature range: 0°F – 220°F (-17°C – +104°C)
- Minimum 2" overlap required to achieve loop tensile rating



Part Number	Overall Length In. (mm)	Body Width In. (mm)	Max. Bundle Diameter In. (mm)	Min. Loop Tensile Strength lb/ft (N)	Color
TTR-20R0	240 (6096)	0.75 (19.1)	0.63 (16)	40 (178)	Black
TTR-35R3-0	420 (10668)				
★ TTR-35RX0	900 (22860)				
TTR-75R0	900 (22860)				

Tak-Ty® Hook & Loop Cable Tie

- Soft, premium material is safe to use on high performance network cables protecting against over-tensioning
- Broad selection of durable designs and sizes
- Adjustable, releasable, and re-usable hundreds of times – ideal for applications requiring frequent moves, adds, or changes
- Easy to use and operator safe with no sharp edges
- A full range of colors
- Operating temperature range: 0°F – 220°F (-18°C – +104°C)
- Complementary mounts available
- Minimum 2" overlap required to achieve loop tensile rating



Part Number	Overall Length In. (mm)	Body Width In. (mm)	Max. Bundle Diameter In. (mm)	Min. Loop Tensile Strength lb/ft (N)
HLT2I-M0	8 (203)	1 (25.4)	1.91 (48.5)	40 (177.92)
HLT2I-X6	12 (305)		3.18 (80.8)	
HLT3I-M0	12 (305)		3.18 (80.8)	
HLT3I-X6	12 (305)		3.18 (80.8)	

Tak-Ty® Plenum Rated Hook & Loop Cable Ties

- Soft, premium material is safe to use on high performance network cables protecting against over-tensioning
- UL Listed for use in plenum or air handling spaces (such as ceiling voids and underfloor areas) per NEC, Section 300-22 (C) and (D)
- Material flammability rating: UL 94V-2
- Adjustable, releasable, and re-usable – ideal for applications requiring frequent moves, adds, or changes
- Operating temperature range: 0°F – 122°F (-18°C – +50°C)

Cabinets,
Thermal
Mgmt,
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HLTP2I-X12



HLTP3I-X0

Part Number	Color	Overall Length In. (mm)	Body Width In. (mm)	Max. Bundle Diameter In. (mm)	Min. Loop Tensile Strength lb/ft (N)
HLTP2I-X12	Maroon	8 (203)	0.5 (12.7)	1.91 (49)	40 (178)
HLTP3I-X0	Black	12 (305)		3.18 (81)	
HLTP3I-X12	Maroon				

Copper
Systems

Fiber Optic
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Grounding
& Bonding

Tak-Ty® Plenum Rated Hook & Loop Strip Cable Tie

- Soft, premium material is safe to use on high performance network cables protecting against over-tensioning
- UL Listed for use in plenum or air handling spaces (such as ceiling voids and underfloor areas) per NEC, Section 300-22 (C) and (D)
- Material flammability rating: UL 94V-2
- Adjustable, releasable, and re-usable – ideal for applications requiring frequent moves, adds, or changes
- Operating temperature range: 0°F – 122°F (-18°C – +50°C)
- Minimum 2" overlap required to achieve loop tensile rating

Power, Env,
Security &
Connectivity
Hardware

Safety &
Security

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& ID

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Mgmt &
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HLSP1.5S-X0

Part Number	Color	Overall Length In. (mm)	Body Width In. (mm)	Max. Bundle Diameter In. (mm)	Min. Loop Tensile Strength lb/ft (N)
HLSP1.5S-X0	Black	6 (152)	0.75 (19.1)	1.5 (38)	50 (222)
HLSP3S-X0		12 (305)		3.2 (8.1)	
HLSP3S-X12	Maroon			5 (127)	
HLSP5S-X0	Black				
HLSP5S-X12	Maroon				

Tak-Ty® Hook & Loop Cable Loop Tie

- Soft, premium material is safe to use on high performance network cables protecting against over-tensioning
- Broad selection of durable designs and sizes
- Adjustable, releasable, and re-usable hundreds of times – ideal for applications requiring frequent moves, adds, or changes
- Easy to use and operator safe with no sharp edges
- A full range of colors
- Operating temperature range: 0°F – 220°F (-18°C – +104°C)
- Complementary mounts available
- Minimum 2" overlap required to achieve loop tensile rating



HLT2I-X0



HLT3I-X0

Part Number	Overall Length In. (mm)	Body Width In. (mm)	Max. Bundle Diameter In. (mm)	Min. Loop Tensile Strength lb/ft (N)
HLT2I-X0	8 (203)	1 (25.4)	1.91 (48.5)	40 (177.92)
HLT3I-X0	12 (305)		3.18 (80.8)	

Tak-Ty® Hook & Loop Stacked Strip Cable Tie

- Soft, premium material is safe to use on high performance network cables protecting against over-tensioning
- Broad selection of durable designs and sizes
- Adjustable, releasable, and re-usable hundreds of times – ideal for applications requiring frequent moves, adds, or changes
- Easy to use and operator safe with no sharp edges
- Operating temperature range: 0°F – 220°F (-18°C – +104°C)
- Complementary mounts available
- Minimum 2" overlap required to achieve loop tensile rating



HLB2S-C0

Part Number	Overall Length In. (mm)	Body Width In. (mm)	Max. Bundle Diameter In. (mm)	Min. Loop Tensile Strength lb/ft (N)
HLB2S-C0	7 (178)	0.75 (19.1)	1.6 (41)	50 (222)

Tak-Ty® Ultra-Cinch™ Hook & Loop Cable Tie with Center Mount Grommet

- Unique material with hooks and loops on same side allows user to secure a greater range of bundle diameters, including smaller bundles
- Soft, premium material is safe to use on high performance cabling, protecting against over-tensioning
- Adjustable, releasable, and re-usable – ideal for applications requiring frequent moves, adds, or changes
- Low profile contoured cinch ring provides extra strength and bundle tightness while reducing overall bundle size
- Grommet (UGCTC and UGCTE styles) offers strength and assures reliable installations that resist pullout when bundling and mounting cables within cabinet applications
- Tapered tip facilitates easy, snag-free threading to speed installation
- Use flat head screws for grommet applications
- Operating temperature range: 0°F – 140°F (-18°C – +60°C)
- Minimum 2" overlap required to achieve loop tensile rating



UGCTC3S-X0

Part Number	Overall Length In. (mm)	Body Width In. (mm)	Max. Bundle Diameter In. (mm)	Min. Loop Tensile Strength lb/ft (N)
UGCTC3S-X0	12 (305)	0.85 (21.6)	3 (76.2)	50 (222)

Tak-Ty® Ultra-Cinch™ Hook & Loop Cable Tie with End Mount Grommet

- Unique material with hooks and loops on same side allows user to secure a greater range of bundle diameters, including smaller bundles
- Soft, premium material is safe to use on high performance cabling, protecting against over-tensioning
- Adjustable, releasable, and re-usable – ideal for applications requiring frequent moves, adds, or changes
- Low profile contoured cinch ring provides extra strength and bundle tightness while reducing overall bundle size
- Grommet (UGCTC and UGCTE styles) offers strength and assures reliable installations that resist pullout when bundling and mounting cables within cabinet applications
- Tapered tip facilitates easy, snag-free threading to speed installation
- Use flat head screws for grommet applications
- Operating temperature range: 0°F – 140°F (-18°C – +60°C)
- Minimum 2" overlap required to achieve loop tensile rating



UGCTE3S-X0

Part Number	Overall Length In. (mm)	Body Width In. (mm)	Max. Bundle Diameter In. (mm)	Min. Loop Tensile Strength lb/ft (N)
UGCTE3S-X0	12 (305)	0.85 (21.6)	3 (76.2)	50 (222)

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Tak-Ty® Ultra-Cinch™ Hook & Loop Cable Tie

- Unique material with hooks and loops on same side allows user to secure a greater range of bundle diameters, including smaller bundles
- Soft, premium material is safe to use on high performance cabling, protecting against over-tensioning
- Adjustable, releasable, and re-usable – ideal for applications requiring frequent moves, adds, or changes
- Low profile contoured cinch ring provides extra strength and bundle tightness while reducing overall bundle size
- Grommet (UGCTC and UGCTE styles) offers strength and assures reliable installations that resist pullout when bundling and mounting cables within cabinet applications
- Tapered tip facilitates easy, snag-free threading to speed installation
- Use flat head screws for grommet applications
- Operating temperature range: 0°F – 140°F (-18°C – +60°C)
- Minimum 2" overlap required to achieve loop tensile rating



UCT3S-X0

Part Number	Overall Length In. (mm)	Body Width In. (mm)	Max. Bundle Diameter In. (mm)	Min. Loop Tensile Strength lb/ft (N)
UCT3S-X0	12 (305)	0.85 (21.6)	3 (76.2)	50 (222)

Tak-Ty® Hook & Loop Cable Tie Mount

- For use with TTR Tak-Tape and HLT/HLS Tak-Ty® Hook & Loop Cable Ties
- Unique cradle design provides maximum stability for cable bundle
- For indoor use only
- Dimensions: 1.12 inches L x 1.12 inches W x .34 inches H (28.4mm x 28.4mm x 8.6mm)
- Maximum static load for adhesive backed mounts is .38 lbs. (174g)



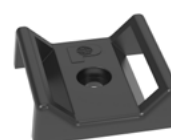
ABMT-A-C



ABMT-A-Q20



ABMT-S6-C



ABMT-S6-C20

Part Number	Mount Method	Material	Color
ABMT-A-C	Adhesive Tape	Nylon 6.6	Natural
ABMT-A-C20			Black
ABMT-A-Q20			
ABMT-S6-C	Screw-On		Natural
ABMT-S6-C20			Black

Tak-Ty® Cable Organizing Kit

- Reduces cable installation time compared to traditional methods
- Arranges 24 cables prior to applying Tak-Ty Hook & Loop Cable Ties
- Optimizes bundle size and improves installed appearance
- Two inserts handle multiple network cable diameters
- Ergonomic fit and compact design
- Impact resistant material and low friction design to glide smoothly across cable bundle



CBOT24K

Part Number	Short Description	Color
CBOT24K	Tak-Ty® Cable Organizing Kit	Black

Elastomeric Cable Tie

- Elastic material provides a flexible tie body that safely contours around cable bundle, preventing over-tensioning of data cables to maintain network integrity
- Constructed of TPU Material
- UL 94V-0 material provides greater flame resistance - meets stringent telecommunication flammability requirements (such as NEBS GR-63-CORE)
- Soft material has no sharp edges
- Protects the installer and the cable bundle
- High coefficient of friction grips and prevents lateral movement along cable bundle
- Releasable and re-usable to accommodate frequent moves, adds, and changes
- Halogen-free, non-toxic, and environmentally safe material will not release toxic or corrosive gases upon combustion
- Locking head design
- The tapered tip threads into locking head to speed productivity



ERT2M-C20

Part Number	Overall Length In. (mm)	Body Width In. (mm)	Body Thickness In. (mm)	Max. Bundle Diameter In. (mm)	Min. Loop Tensile Strength lb/ft (N)
ERT2M-C20	8.5 (215.9)	0.84 (21.4)	0.09 (2.3)	2.35 (59.7)	18 (80.06)

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Cable Cleat Bracket

- Polymer cable cleat provides controlled cable retention for power cable installations
- Rounded body design maintains cable positioning while minimizing jacket damage
- Corrosion-resistant construction supports use in harsh or outdoor environments
- Fixing hole design enables installation on cable trays using standard hardware



CBH15L50-V6



CBH20L50-V6



CBH25L50-V6



CBH30L50-V6

Part Number	Compatible Rung Width In. (mm)	Weight lb/ft (Kg)	Material
CBH15L50-V6	1.97 (50)	0.32 (0.145)	Stainless Steel Type 316
CBH20L50-V6			
CBH25L50-V6		0.33 (0.151)	
CBH30L50-V6		0.34 (0.154)	

One-Hole Cable Cleat

- Features rounded edges for cable protection and ridges to hold cabling in place
- Hinged trefoil cleats are designed for additional cable range-taking and nylon insert lock nut assists in vibration dampening
- One-hole and two-hole cleats are designed to be installed on the cable tray run via fixing hole(s) and user-supplied M10 bolt(s)
- Tested to IEC 61914 and NEMA BI 50018



CCAL1H1013-X



CCPL1H1013-X



CCPL1H2327-X

Part Number	Material	Bundle Diameter Range In. (mm)	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Weight lb/ft (Kg)	Number of Mounting Holes	Mounting Hole Thread Size	Std. Pkg. Qty.
CCAL1H1013-X	Aluminum	0.39 – 0.51 (10 – 13)	0.91 (23)	1.57 (40)	1.61 (41)	0.11 (0.05)	1	M10	10
CCAL1H1316-X		0.51 – 0.63 (13 – 16)	1.02 (26)	1.72 (44)		0.13 (0.059)			
CCAL1H1619-X		0.63 – 0.75 (16 – 19)	1.14 (29)	1.88 (48)		0.15 (0.068)			
CCAL1H1923-X		0.75 – 0.91 (19 – 23)	1.26 (32)	2.04 (52)		0.17 (0.077)			
CCAL1H2327-X		0.91 – 1.06 (23 – 27)	1.42 (36)	2.28 (58)		0.2 (0.089)			
CCAL1H2732-X		1.06 – 1.26 (27 – 32)	1.57 (40)	2.44 (62)	1.65 (42)	0.24 (0.107)			
CCAL1H3238-X	Aluminum	1.26 – 1.5 (32 – 38)	1.77 (45)	2.68 (68)		0.27 (0.125)	1	M10	10
CCAL1H3846-X		1.5 – 1.81 (38 – 46)	2.01 (51)	2.98 (76)	1.65 (42)	0.33 (0.149)			

One-Hole Cable Cleat (continued)

Part Number	Material	Bundle Diameter Range In. (mm)	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Weight lb/ft (Kg)	Number of Mounting Holes	Mounting Hole Thread Size	Std. Pkg. Qty.
CCAL1H4651-X	Aluminum	1.81 – 2.01 (46 – 51)	2.36 (60)	3.26 (83)	1.65 (42)	0.4 (0.181)	1	M10	10
CCAL1H5157-X		2.01 – 2.24 (51 – 57)	2.56 (65)	3.49 (89)	1.66 (42)	0.44 (0.202)			
CCPL1H1013-X	Nylon	0.39 – 0.51 (10 – 13)	1.1 (28)	1.74 (44)	1.69 (43)	0.08 (0.038)			
CCPL1H1316-X		0.51 – 0.63 (13 – 16)	1.22 (31)	1.87 (48)		0.1 (0.044)			
CCPL1H1619-X		0.63 – 0.75 (16 – 19)	1.34 (34)	2 (51)		0.11 (0.049)			
CCPL1H1923-X		0.75 – 0.91 (19 – 23)	1.46 (37)	2.15 (55)	1.73 (44)	0.12 (0.056)			
CCPL1H2327-X		0.91 – 1.06 (23 – 27)	1.61 (41)	2.32 (59)		0.14 (0.063)			
CCPL1H2732-X		1.06 – 1.26 (27 – 32)	1.77 (45)	2.52 (64)		0.16 (0.072)			
CCPL1H3238-X		1.26 – 1.5 (32 – 38)	1.97 (50)	2.75 (70)		0.18 (0.082)			
CCPL1H3846-X		1.5 – 1.81 (38 – 46)	2.28 (58)	3.06 (78)		0.21 (0.096)			
CCPL1H4651-X		1.81 – 2.01 (46 – 51)	2.56 (65)	3.29 (84)		0.25 (0.114)			
CCPL1H5157-X		2.01 – 2.24 (51 – 57)	2.76 (70)	3.53 (90)		0.28 (0.125)			

Cabinets,
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Racks &
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Grounding
& Bonding

Power, Env,
Security &
Connectivity
Hardware

Two-Hole Cable Cleat

- Features rounded edges for cable protection and ridges to hold cabling in place
- Hinged trefoil cleats are designed for additional cable range-taking and nylon insert lock nut assists in vibration dampening
- One-hole and two-hole cleats are designed to be installed on the cable tray run via fixing hole(s) and user-supplied M10 bolt(s)
- Tested to IEC 61914 and NEMA BI 50018

Safety &
Security

Signs,
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CCAL2H109120-X



CCPL2H109120-X



CCPL2H3846-X

Part Number	Material	Bundle Diameter Range In. (mm)	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Weight lb/ft (Kg)	Number of Mounting Holes	Mounting Hole Thread Size	Std. Pkg. Qty.
CCAL2H109120-X	Aluminum	4.29 – 4.72 (109 – 120)	5.04 (128)	7.33 (186)	1.98 (50)	1.92 (0.873)	2	M10	10
CCAL2H3846-X		1.5 – 1.81 (38 – 46)	2.36 (60)	3.98 (101)	1.69 (43)	0.64 (0.291)			
CCAL2H4658-X		1.81 – 2.28 (46 – 58)	2.87 (73)	4.52 (115)	1.77 (45)	0.89 (0.404)			
CCAL2H5870-X	Aluminum	2.28 – 2.76 (58 – 70)	3.39 (86)	5.2 (132)	1.81 (46)	1.09 (0.496)	2	M10	10

Two-Hole Cable Cleat (continued)

Part Number	Material	Bundle Diameter Range In. (mm)	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Weight lb/ft (Kg)	Number of Mounting Holes	Mounting Hole Thread Size	Std. Pkg. Qty.
CCAL2H7083-X	Aluminum	2.76 – 3.27 (70 – 83)	3.94 (100)	5.71 (145)	1.85 (47)	1.39 (0.63)	2	M10	10
CCAL2H8397-X		3.27 – 3.82 (83 – 97)	4.53 (115)	6.37 (162)	1.93 (49)	1.66 (0.754)			
CCAL2H97109-X		3.82 – 4.29 (97 – 109)	2.01 (51)	3.89 (175)	1.64 (42)	0.5 (0.226)			
CCPL2H109120-X	Nylon	4.29 – 4.72 (109 – 120)	5.24 (133)	7.1 (180)	2.09 (53)	1.01 (0.46)			
CCPL2H120135-X		4.72 – 5.31 (120 – 135)	5.71 (145)	7.69 (195)	2.17 (55)	1.17 (0.533)			
CCPL2H135150-X		5.31 – 5.91 (135 – 150)	6.34 (161)	8.31 (211)	2.19 (56)	1.35 (0.615)			
CCPL2H150165-X		5.91 – 6.5 (150 – 165)	6.97 (177)	8.92 (227)	2.29 (58)	1.57 (0.712)			
CCPL2H3846-X		1.5 – 1.81 (38 – 46)	2.2 (56)	4.07 (103)	1.73 (44)	0.31 (0.143)			
CCPL2H4658-X		1.81 – 2.28 (46 – 58)	2.56 (65)	4.53 (115)	1.74 (44)	0.38 (0.175)			
CCPL2H5870-X		2.28 – 2.76 (58 – 70)	3.07 (78)	5.04 (128)	1.76 (45)	0.48 (0.22)			
CCPL2H7083-X		2.76 – 3.27 (70 – 83)	3.19 (81)	5.56 (141)	1.85 (47)	0.6 (0.273)			
CCPL2H8397-X		3.27 – 3.82 (83 – 97)	4.13 (105)	6.13 (156)	1.95 (50)	0.74 (0.335)			
CCPL2H97109-X		3.82 – 4.29 (97 – 109)	4.72 (120)	6.64 (169)	2.06 (50)	0.88 (0.402)			

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Hardware

Trefoil Cable Cleat

- 316/316L stainless steel, aluminum, and polymer cable cleats support secure cable retention on cable tray systems
- Rounded edges and molded ridges maintain cable positioning and reduce jacket damage
- One-hole and two-hole aluminum cleat designs support flexible mounting configurations
- Hinged trefoil aluminum cleat option accommodates expanded cable ranges
- Corrosion-resistant polymer cleats support use in harsh or chemically exposed environments
- Universal fixing holes support installation on cable trays using user-supplied M10 hardware
- Tested to IEC 61914 and NEMA BI 50018 for cable cleat performance validation



CCALTR2326-X



CCALTR2528-X



CCALTR2730-X



CCALTR2932-X



CCALTR3135-X

Part Number	Material	Minimum Bundle Diameter In. (mm)	Overall Depth In. (mm)	Weight lb/ft (Kg)	Number of Mounting Holes	Std. Pkg. Qty.
CCALTR2326-X	Aluminum	0.91 (23)	2.17 (55)	0.81 (0.37)	1	10
CCALTR2528-X		0.98 (25)		0.85 (0.385)		
CCALTR2730-X		1.06 (27)		0.85 (0.388)		
CCALTR2932-X	Aluminum	1.14 (29)	2.17 (55)	0.87 (0.397)	1	10

Safety &
Security

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Trefoil Cable Cleat (continued)

Part Number	Material	Minimum Bundle Diameter In. (mm)	Overall Depth In. (mm)	Weight lb/ft (Kg)	Number of Mounting Holes	Std. Pkg. Qty.
CCALTR3135-X	Aluminum	1.22 (31)	2.17 (55)	0.92 (0.418)	1	10
CCALTR3438-X		1.34 (34)		0.93 (0.424)		
CCALTR3741-X		1.46 (37)		0.98 (0.448)		
CCALTR4044-X		1.57 (40)		1.05 (0.477)		
CCALTR4347-X		1.69 (43)		1.14 (0.516)		
CCALTR4651-X		1.81 (46)		1.23 (0.558)		
CCALTR5056-X		1.97 (50)		1.32 (0.602)		
CCALTR5561-X		2.17 (55)		1.42 (0.647)		
CCALTR6067-X		2.36 (60)		1.55 (0.706)		
CCALTR6675-X		2.6 (66)		1.73 (0.787)		
CCPLTR2228-X	Nylon	0.87 (22)	3.07 (78)	1.29 (0.585)	3	10
CCPLTR2633-X		1.02 (26)		1.39 (0.63)		
CCPLTR3139-X		1.22 (31)		1.51 (0.685)		
CCPLTR3745-X		1.46 (37)		1.64 (0.745)		
CCPLTR4352-X		1.69 (43)		1.8 (0.815)		
CCPLTR5060-X	Stainless Steel Type 316	1.97 (50)	2.48 (63)	1.97 (0.895)	1	10
CCSSTR2025-X		0.79 (20)		0.92 (0.417)		
CCSSTR2328-X		0.91 (23)		0.97 (0.439)		
CCSSTR2632-X		1.02 (26)		1.06 (0.48)		
CCSSTR3036-X		1.18 (30)		1.14 (0.518)		
CCSSTR3440-X		1.34 (34)		1.21 (0.547)		
CCSSTR3844-X		1.5 (38)		1.28 (0.581)		
CCSSTR4248-X		1.65 (42)		1.35 (0.613)		
CCSSTR4652-X		1.81 (46)		1.43 (0.647)		
CCSSTR5057-X		1.97 (50)		1.51 (0.686)		
CCSSTR5461-X		2.13 (54)		1.59 (0.72)		
CCSSTR5865-X		2.28 (58)		1.66 (0.754)		
CCSSTR6269-X		2.44 (62)		1.72 (0.782)		

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Stainless Steel Quad Cable Cleat

- Quad cable cleat secures four power cables in defined quad or trefoil configurations
- 316/316L stainless steel construction supports high mechanical load and harsh environments
- Maintains cable spacing and alignment to support stable, code-compliant installations
- Compatible with stainless steel mounting brackets for installation on multiple cable tray styles



CCSSQD2226-X

Part Number	Bundle Diameter Range In. (mm)	Overall Height In. (mm)	Overall Width In. (mm)	Overall Depth In. (mm)	Weight lb/ft (Kg)	Number of Mounting Holes	Mounting Hole Thread Size	Std. Pkg. Qty.
CCSSQD2226-X	0.87 – 1.02 (22 – 26)	4.06 (103)	2.76 (70)	2.48 (63)	0.89 (0.404)	1	M8	10
CCSSQD2529-X	0.98 – 1.14 (25 – 29)	4.41 (112)	3.03 (77)		0.94 (0.426)			
CCSSQD2834-X	1.1 – 1.34 (28 – 34)	4.8 (122)	3.46 (88)		1.05 (0.477)			
CCSSQD3339-X	1.3 – 1.54 (33 – 39)	5.31 (135)	3.98 (101)		1.13 (0.512)			
CCSSQD3844-X	1.5 – 1.73 (38 – 44)	5.79 (147)	4.41 (112)		1.25 (0.566)			

Pan-Steel® Discrete Length Stainless Steel Buckle Strap

- Inherent cable range taking, compatible with single/ multicore, trefoil, quad, and custom cable arrangements
- Strapping cleats made from 304 or 316L stainless steel
- Cushion sleeve options available as reels for custom-length applications or discrete lengths providing intuitive quick and easy installation
- Uniclip Brackets feature high resistance to lateral and axial movement, eliminate diagonal installations, and allows Panduit stainless steel ties and straps to be installed on any style or design of cable tray
- Tested to IEC 61914 and NEMA BI 50018



MS10W75T30-Q6

Part Number	Material	Max. Bundle Diameter In. (mm)	Overall Length In. (mm)	For Use With	Overall Width In. (mm)	Std. Pkg. Qty.
MS10W75T30-Q6	Stainless Steel Type 316	10 (254)	38.4 (975)	BT75SDT, BT2HTI	0.75 (19.1)	25
MS12W75T30-Q6		12 (305)	44.7 (1.1)			
MS14W75T30-Q6		14 (356)	50.1 (1.3)			
MS4W75T30-Q6		4 (102)	19.6 (498)			
MS6W75T30-Q6		6 (152)	25.9 (658)			
MS8W75T30-Q6		8 (203)	32.1 (815)			

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Pan-Steel® Double Wrapped Self-Locking Cable Tie

- Inherent cable range taking, compatible with single/ multicore, trefoil, quad, and custom cable arrangements
- Strapping cleats made from 304 or 316L stainless steel
- Cushion sleeve options available as reels for custom-length applications or discrete lengths providing intuitive quick and easy installation.
- Uniclip Brackets feature high resistance to lateral and axial movement, eliminate diagonal installations, and allows Panduit stainless steel ties and straps to be installed on any style or design of cable tray



MLT4DEH15-Q316

Part Number	Body Width In. (mm)	Std. Pkg. Qty.
MLT4DEH15-Q316	0.5 (12.7)	25
MLT4DSH-Q316	0.62 (15.9)	
MLT6DEH15-Q316	0.5 (12.7)	
MLT6DSH-Q316	0.62 (15.9)	
MLT8DEH15-Q316	0.5 (12.7)	
MLT8DSH-Q316	0.62 (15.9)	

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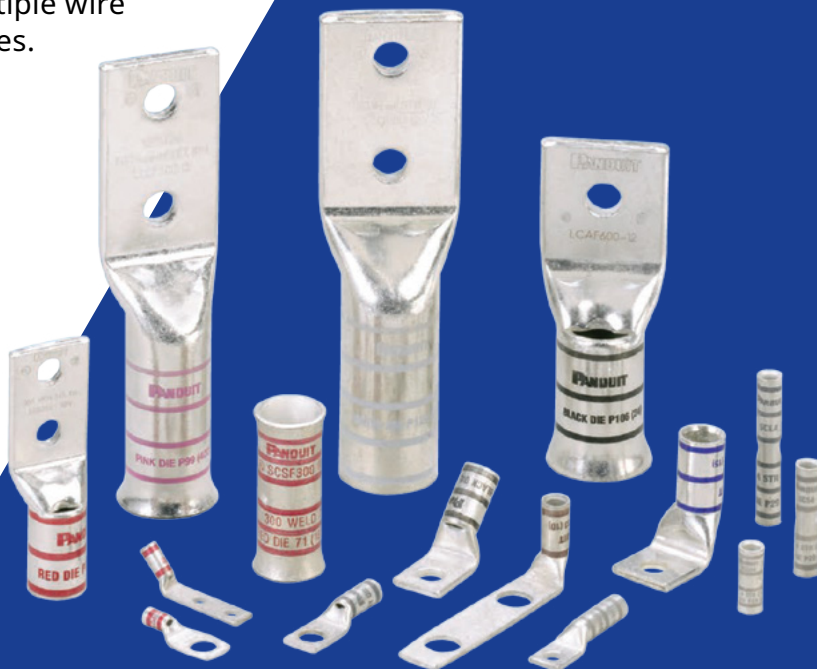
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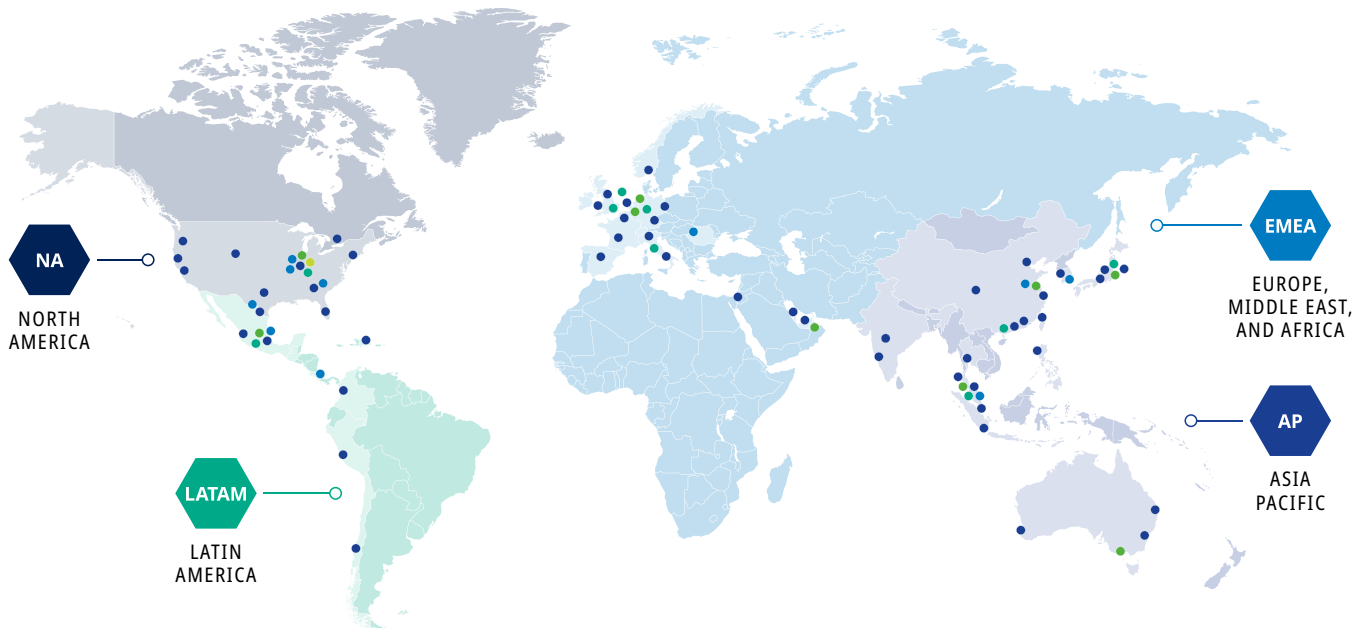
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