

Telecommunications Room and Cable Management Products





25 Year System Performance Coverage*

We are confident that your AMP NETCONNECT cabling system will keep performing to current TIA/EIA industry standards. If the registered system ever fails to meet those standards within 25 years of the date of installation, we'll provide the reasonable parts and labor to replace or repair the AMP NETCONNECT product.



25 Year Component Coverage*

Tyco Electronics also offers a 25 Year Component Warranty to protect individual AMP NETCONNECT cabling system components. If a component fails within 25 years of the date of installation, we'll provide the reasonable parts to replace or repair the registered AMP NETCONNECT product.

It's Standard Equipment

This coverage is automatically part of the package when*:

- AMP NETCONNECT products are specified end-to-end
- A Tyco Electronics authorized NETCONNECT Design & Installation (ND&I) contractor registers the network project with Tyco Electronics
- That ND&I performs the actual installation in accordance with Tyco Electronics requirements

Who's Covered

Unlike most systems suppliers, Tyco Electronics provides warranty coverage directly to the end user. Many suppliers provide coverage to the installers, who then provide coverage to the customer. But with Tyco Electronics warranties, there are no middlemen. The warranties are between you and Tyco Electronics.

For more information, please visit: <http://www.tycoelectronics.com/aboutus/pdf/tc.pdf>

Or call: 1-800-553-0938

Outside the U.S., please contact your local AMP NETCONNECT product sales office.

People & Products to Answer the Cabling Challenge.

Cabling a retail store, casino or office building can be complex. Yet the solution for productive connectivity and cable management can be as simple as talking to the right people - The AMP NETCONNECT business unit of Tyco Electronics.

The reason is what we bring to the building infrastructure challenges you face. In-depth technical knowledge and expertise from decades of experience. Innovative technologies from ongoing R&D. And quality products for every power, data, voice and video networking need. One of the broadest lines in the industry, in fact.

Additionally, it's what we do to answer the challenge: develop and deliver integrated, made-to-order solutions that optimize network performance, increase productivity and produce more immediate return-on-investment.

And it's not just providing technology. It's making sure solutions are efficiently and effectively installed: working with distributors and customers so products are delivered when and where you need them. And maintaining a global network of certified installation contractors.

It all means, simply, that AMP NETCONNECT cabling systems provide the answers you're looking for: the whole solution for any cabling challenge. From the ground up.

*Some conditions may apply. AMP NETCONNECT Home Net-Works Systems qualify for a 25 year component warranty only. For more information, please visit www.ampnetconnect.com or call 1-800-553-0938. Outside the U.S., please contact your local AMP NETCONNECT product sales office.

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Hinged Wall Brackets for 19-Inch Panels

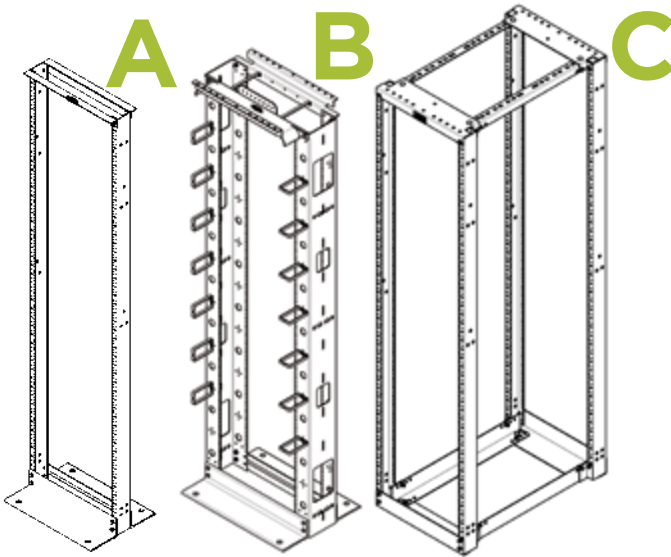
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- Can be installed with hinges on either side for easier access
- Provided with cable tie laces to aid in dressing cables, have multiple threaded holes allowing more than one panel to be mounted on a bracket, and rear entry cable holes.

Panel Height	Depth	Figure	Part Numbers
1U (1.75 in)	6 inches		558266-1
2U (3.50 in)	6 inches	A	558267-1
3U (5.25 in)	6 inches		558268-1
4U (7.00 in)	6 inches		558269-1
6U (10.50 in)	6 inches		2111279-1

Equipment Racks



- Available in two and four post designs
- Made of 6061-T6 aluminum alloy
- Flat black powder coat finish
- Features pre-tapped #12-24 mounting holes
- Shipped unassembled with all components and instructions required to assemble a fully functional rack.
- Feature double sided, EIA universal rails with 0.625 in [16 mm], 0.625 in [16 mm], 0.5 in [13 mm] mounting spaces
- Each 3 in deep, two post rack features:
 - Universal junction hole pattern
 - Conformance to EIA-310-E
- Two post, high capacity network equipment racks offer increased cable capacity over standard racks
- Each two post, high capacity rack features:
 - Large vertical cable duct for increased cable capacity and D-rings for out-of-the-box cable management
 - Large side cable pass-thru holes for rack-to-rack cabling
 - Adjustable waterfalls on top cable management trays
 - Top angles with pre-drilled mounting holes for runway attachment
 - Can be assembled for either 19 inch or 23 inch equipment
- Four post network equipment racks offer stability, accessibility and open cooling with industry standard features
- Each four post rack features:
 - Nearly 360° of access – completely open to allow excess heat from equipment to quickly dissipate
 - Stamped, RMU (rack mount unit) markings conform to EIA-310-E

Description	Channel Depth	Width (inches)	Height RMU (inches)	Figure	Part Numbers
2 Post Rack	3 inches	19	45 (48)	A	1933559-1
2 Post Rack with Vertical Cable Management	6 inches	19 or 23	45 (84)	B	1933560-1
4 Post Rack	3 inches	19	45 (84)	C	1933570-1

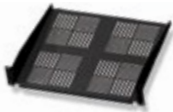
Blank Panels



- 19 inch wide panels are designed for use in filling equipment rack voids

Description	Figure	1U [1.75 in]	2U [3.50 in]	3U [5.25 in]	4U [7.00 in]	5U [8.75 in]
Standard	A	556965-1	556965-2	556965-3	556965-4	556965-5
Angled	B	1479992-1	1479992-2	–	–	–

Stationary, Ventilated Shelf



- Ventilation slots easily allow air flow
- Fits standard 19-inch racks
- Requires 2U (3.50 in)
- Includes fastening hardware

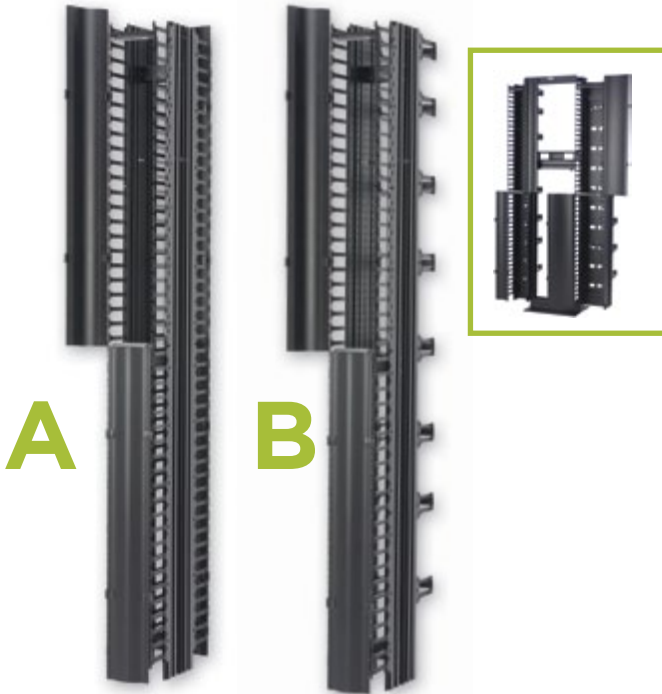
Description

Stationary, Ventilated Shelf for Standard 19-inch Racks

Part Numbers

1435049-1

Double Sided High Density Vertical Cable Managers



- Standard fingers are spaced 1U vertically and are 8.5 in deep
- Extended fingers are spaced at 1U vertically and are 11 in deep
- Gates have 9U vertical spacing and are 8.5 in deep
- Two-piece doors with snap on hinges allow for quick opening from either side or complete removal
- Six snap-on gates retain cables when doors are opened or removed.
- Easy installation, can be done in minutes using standard hand tools
- Works with EIA-310-D compliant two and four post equipment racks using industry standard mounting holes.
- 1/4 in accessory mounting holes run the full height on both sides of cable manager to accommodate the attachment of cable management accessories
- Separator panel with pass through openings, vertical slots for attaching straps and keyhole slots for attaching spools, included with each manager
- Front and rear vertical sections can be spaced apart when mounting on racks deeper than 3 in (76 mm)
- Flat black powder coat aluminum with UL 94V-0 black plastic components
- Vertical cable managers include:
 - Front and Rear vertical cabling section, (4) doors, (6) gates, (50) push-in fasteners, (12) cable strap mounts, Separator panel and mounting hardware
 - On 10 in and 12 in wide cable managers only: (2) spool kits are included

Description

High Density Vertical Cable Manager, 84 inch, Double-sided

Figure Front/Rear Duct Type

6 Inch Width

10 Inch Width

12 Inch Width

Description	Figure	Front/Rear Duct Type	6 Inch Width	10 Inch Width	12 Inch Width
High Density Vertical Cable Manager, 84 inch, Double-sided	A	Standard Fingers/ Standard Fingers	1933534-1	1933535-1	1933536-1
		Extended Fingers/ Extended Fingers	1933537-1	1933538-1	1933539-1
High Density Combination Vertical Cable manager, 84 inch, Double-sided	B	Standard Fingers/Gates	1933540-1	1933541-1	1933542-1
		Extended Fingers/Gates	1933543-1	1933544-1	1933545-1

Horizontal High Density Cable Management

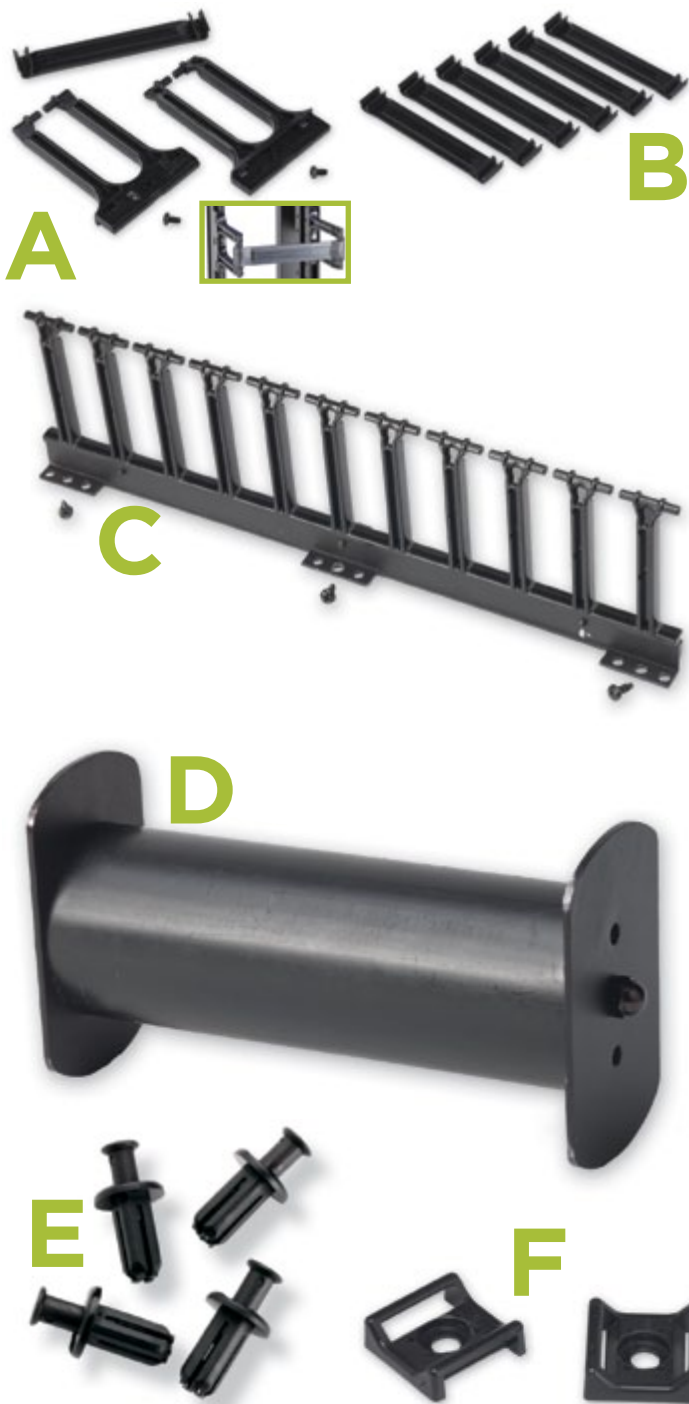


- Snap-on removable hinged door remains open past 180°
- #12-24 mounting hardware is included
- Flat black powder coat aluminum with UL 94V-0 black plastic components
- Standard fingers are 5.5 in deep
- Extended fingers are 8 in deep

Rack Mount Units (Height)	Width (inches)	Figure	Finger Type	Single Sided	Double Sided
1U	19	A	Standard Fingers	1933530-1	1933531-1
2U	19		Extended Fingers	1933564-1	1933565-1
			Standard Fingers	1933532-1	1933533-1
3U	19		Extended Fingers	1933566-1	1933567-1
			Standard Fingers	1933561-1	1933562-1
			Extended Fingers	1933568-1	1933569-1

High Density Cable Management Accessories

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- Replacement Door Kits:
 - Include an upper and lower door section
 - Are for use with high density double-sided and double-sided combination vertical cable managers
- Gate kits (A):
 - Are used on the rear of combination managers when additional gates are desired
 - 2U high
 - Include (2) finger sections, (1) gate, and mounting hardware
 - Manufactured from UL 94V-0 black plastic
- Replacement gates (B):
 - Easy installation. Gates snap on and can be installed under doors
 - Gates can be opened in either direction, and can be quickly removed for easy cable access
 - Includes (6) gates
 - UL 94V-0 black plastic
- Side Cover Panels:
 - Used to cover the side of the vertical cable manager at the end of a row of racks
- Finger brackets (C):
 - High-density finger bracket mounts directly to a relay rack and provides cable support at each rack mounting unit
 - Fingers align with rack mounting units
 - Includes (1) finger bracket and mounting hardware
 - Flat black powder coat aluminum bracket with UL 94V-0 black plastic finger section
- Cable spools (D):
 - Provide 1.1 in (28mm) bend radius
 - Cable spools attach quickly to keyhole slots provided in mounting channels and optional back covers
 - Facilitates storage and routing of cable
 - Unique spool kit design provides for vertical and horizontal adjustability to suit any need
 - Spool kits includes (2) spools, mounting channels and hardware
 - Flat black powder coat steel with UL 94V-0 black plastic
- Fasteners (E):
 - Used to quickly attach accessories to ¼ in (6 mm) mounting holes in cable manager.
 - Can be easily removed for relocation.
 - Standard pack: 100 pieces
 - Black plastic UL 94V-2
- Cable strap mounts (F):
 - Provides attachment for cable straps up to ¾ in (19 mm) wide.
 - Attach with Push-in fastener 1933554-1 to ¼ in (6 mm) accessory mounting holes in cable manager
 - Standard pack: 100 pieces
 - Black Plastic UL 94V-0

Description	Figure	Part Numbers		
		6 Inch Width	10 Inch Width	12 Inch Width
Replacement Door Kits		1933556-1	1933557-1	1933558-1
Gate Kit	A	1933546-1	1933547-1	1933548-1
Replacement Gates	B	1933549-1	1933550-1	1933551-1
		Part Numbers		
Side Cover Panel		1933563-1		
Finger Bracket	C	1933552-1		
Cable Spools	D	1933553-1		
Fasteners	E	1933554-1		
Cable Strap Mounts	F	1933555-1		

Horizontal Finger Duct Panels and Accessories



A
Standard Cover



B
Standard Cover

- Cable management accessories for EIA standard 19-inch equipment racks
- Suitable for high performance twisted pair and optical fiber distribution cables and patch cords
- Horizontal finger duct panels available in single and double-sided versions
- Extended covers bridge the gap between finger duct and vertical cable management cords

Description		Panel Height	Front (HxD)	Rear (HxD)	Figure	Standard Covers	Extended Covers
Cable Management Panel	Single Sided	1U (1.75 in)	1.5 x 2 in	–		1375161-1	1375161-2
		2U (3.50 in)	1.5 x 3 in	–		1375162-1	1375162-2
	Double Sided	1U (1.75 in)	3.0 x 3 in	–	A	1375163-1	1375163-2
		2U (3.50 in)	1.5 x 2 in	1 x 4 in		1375160-1	1375160-2
Front Replacement Covers	1U (1.75 in)	3.0 x 3 in	1 x 4 in		1375159-1	1375159-2	
	2U (3.50 in)	1.5 x 2 in	2 x 4 in	B	1375158-1	1375158-2	
Rear Replacement Covers	1U (1.75 in)	–	–		1479225-1	1479225-2	
	2U (3.50 in)	–	–		1479222-1	1479222-2	
Rear Replacement Covers	1U (1.75 in)	–	–		1479224-1	–	
	2U (3.50 in)	–	–		1479223-1	–	

Vertical Finger Duct Panels



- Cable management accessories for EIA standard 19-inch equipment racks
- Suitable for high performance twisted pair and optical fiber distribution cables and patch cords
- Vertical finger duct panels available in single and double-sided versions
- Center mount vertical finger duct panels mount between racks for added stability
- Replacement covers are packaged ten (10) per box

Description	Mounting Position	Panel Height	Front (W x D)	Rear (W x D)	Figure	Part Number
Single-Sided	Side Mount	35 in	4 x 5 in		A	1375165-1
		78 in	4 x 5 in			1375258-1
	Center Mount	35 in	4 x 5 in		B	1375167-1
		78 in	4 x 5 in			1375260-1
Double-Sided	Side Mount	35 in	4 x 5 in	4 x 5 in	A	1375164-1
		78 in	4 x 5 in	4 x 5 in		1375257-1
	Center Mount	35 in	4 x 5 in	4 x 5 in	B	1375166-1
		78 in	4 x 5 in	4 x 5 in		1375259-1
Replacement Covers	Front or Rear	35 in				1479226-1
	Front	78 in				1479227-1
	Rear	78 in				1479227-2

Hinged Patch Panel Accessories

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- For use with standard patch panels for hinged application where access behind patch panel is limited
- Hinged feature allows patch panel to be folded down for easy access to the back of the panel, while snapping securely into place for normal use
- Cable management panels have special ring spacing for hinged applications
- Hinged panels may not be stacked adjacent to one another in a rack without a cable management panel with a 1/2 inch of empty space between them

Description	Rack Mount Units	Figure	Part Numbers
Patch Panel Hinge Kit	1U (1.75")		1479582-1
	2U (3.50")	A	1479402-1
Cable Management Panel for Hinged patch Panels	1U (1.75")		1479732-1
	2U (3.50")	B	1479733-1

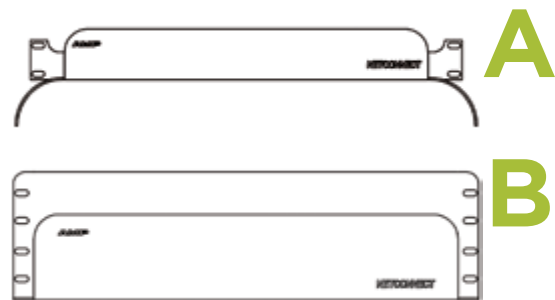
Horizontal Ringed Cable Management Panels



- Panels mount to the front of 19 inch racks and provide for the orderly dressing and routing of cable assemblies
- Threaded studs on the back of the panels allow the installation of an optional Cable Support Bar (see this chapter)
- 2U (3.50 in) 569049-1 comes with cable clips

Description	Height	Figure	Part Numbers
1U Panel	1.75 in	A	558329-1
2U Panel	3.50 in	B	558331-1

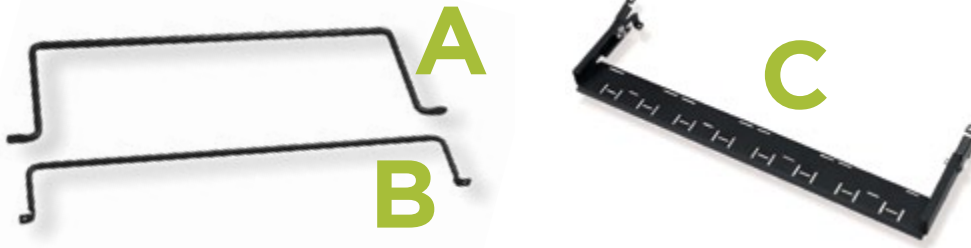
Rack Mount Cable Trough



- Light weight durable 11 AWG aluminum
- Fit standard 19-inch racks
- Top trough features:
 - Down-radiused cable exit to vertical cable management
 - Dimensions (overall): 4.20 in H x 19.00 in W x 3.75 in D
 - Mounts in 1U (1.75 in) of rack space
- Bottom/middle trough features:
 - Dimensions (overall): 5.22 in H x 19.00 in W x 3.75 in D
 - Mounts in 3U (5.25 in) of rack space
 - Mounts to standard EIA hole pattern
 - Provide cable management within the rack bay or multiple rack line-ups

Description	Figure	Part Numbers
Top Trough	A	559370-1
Bottom/Middle Trough	B	559369-1

Cable Support Bars



- Designed to provide additional cable support and routing control in the rear of 19-inch racks and panels
- See support bar to patch panel compatibility chart
- Cable support bars that mount directly to rack provide the best support. Other bars are available for specialty application

Mounting	Figure	Compatible with Panel	Part Number
Mounts to Back of Rack, 5 inches deep	A	All (mounts to rack)	557548-1
Mounts to Back of Rack, 2 inches deep	B	All (mounts to rack)	406042-1
Mounts to Back of Cable Management Panels		558329, 558331, 569049	558301-1
Mounts to Back of 110Connect and SL Series Patch Panels		406330, 406331, 406332, 1479194, 1479155, 147155, 406981, 1479156, 1375014, 1375015, 1375016, 1479449, 1479450, 1479206, 1479208	1479860-1
Mounts to Back of 1U XG and SL Series Multimedia Patch Panels	C	1933307, 1933309, 1933319, 1933321, 1933327, 1933331, 1933323, 1933325, 1933329, 1933333, 1933412	1933425-1

MRJ21 Cable Support Bars



- Mounts to the back of 19" racks
- Designed to provide additional cable support and routing control behind 19 inch racks and panels
- MRJ21 slotted manager bar for easy tie down
- Horizontal and vertical mounting option for MRJ21 tie down bar

Description	Depth (inches)	Figure	Part Numbers
MRJ21 Cable Manager Bar	6	A	1933352-1
	9	B	1933352-2
	12	C	1933352-3
	16	D	1933352-4

VELCRO Cable Ties



- For 8 and 12 inch ties, an order quantity of one equals one roll of ten ties

Description	Figure	Black	White	Gray	Orange	Blue	Red	Yellow	Green	Violet
1 x 8 in	A	1375253-2	1375253-3	1375253-4	1375253-5	1375253-6	1375253-7	1375253-8	1375253-9	1-1375253-0
1 x 12 in	B	1375254-2	1375254-3	1375254-4	1375254-5	1375254-6	1375254-7	1375254-8	1375254-9	1-1375254-0
5/8 in x 5 yards	C	1375255-2	1375255-3	1375255-4	1375255-5	1375255-6	1375255-7	1375255-8	1375255-9	1-1375255-0
1 x 12 in Flame Retardant*		1375256-2	-	-	-	-	-	-	-	-

*NOTE: Complies with NEC 300-22(c) and (d) for use in environmental air handling spaces. Available in Black only.

NOTE: Colors in table are for reference only.

AMP-TY Nylon Cable Ties

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Length	Dimensions (Approximate)		Minimum Tensile Strength	Maximum Bundle Diameter	Package Quantity	Color	
	Width	Thickness				Natural	Black
4 in [103.0 mm]	0.096 in [2.44 mm]	0.037 in [0.94 mm]	18 lbs [80.1 N]	0.75 in [19.10 mm]	1000	2-604771-9	2-604771-0
					100	1-604771-9	1-604771-0
6 in [155.0 mm]	0.140 in [3.56 mm]	0.045 in [1.14 mm]	30 lbs [133.5 N]	1.25 in [31.75 mm]	1000	2-603227-9	2-603227-0
					100	1-603227-9	1-603227-0
8 in [204.0 mm]	0.184 in [4.67 mm]	0.047 in [1.19 mm]	50 lbs [222.5 N]	1.75 in [44.45 mm]	1000	2-604772-9	2-604772-0
					100	1-604772-9	1-604772-0
12 in [300.0 mm]	0.183 in [4.65 mm]	0.051 in [1.30 mm]	50 lbs [222.5 N]	3.00 in [76.20 mm]	1000	2-604751-9	2-604751-0
					100	1-604751-9	1-604751-0

Grounding Lug Kit



- Use for grounding panels to locations other than rack
- Accommodates a maximum wire size of 6 AWG

Description

Grounding Lug Kit

Part Numbers

556438-1

C-LOK, Solid and Stranded Copper Bonding Connectors



- Connects solid or stranded copper conductors in grounding applications
- Installs quickly and safely without special tools
- Meets requirements of: Telcordia TR-NWT-001075; UL Listed; Canadian Standards Association
- Search C-LOK connectors at www.tycoelectronics.com for additional information and part numbers

Multimedia SL Series Patch Panels



A
Standard

A
Angled

- Shielded panels accept AMP-TWIST, shielded, and unshielded SL Series Jacks and inserts
- Unshielded panels accept unshielded SL Series Jacks and inserts
- May be used to create custom configurations — including mixing fiber, twisted-pair, coax and A/V applications
- Ports may be individually replaced
- Angled versions allow elimination of horizontal cable management for higher rack densities and ease of cable dress
- Replacement labels and clear label covers in Chapter 17

Description	Shielding	Height	Width	Figure	Standard	Angled
12-Port	Shielded	1U (1.75 in)	19.0 in		1933412-1	—
	Unshielded	10.00 in	2.3 in		1375289-1	—
24-Port	Shielded	1U (1.75 in)	19.0 in		1933307-1	1933309-1
	Unshielded	1U (1.75 in)	19.0 in		1375291-1	1499622-1
48-Port	Shielded	2U (3.50 in)	19.0 in	A	1933308-1	1933310-1
	Unshielded	2U (3.50 in)	19.0 in		1375292-1	1499623-1
96-Port	Unshielded	4U (7.0 in)	19.0 in		2111159-1	

Cover for Angled Patch Panels



- For use with angled patch panels
- Protects cabling from dust and damage
- Compatible with: 1499600, 1499601, 1499602, 1499603, 1499604, 1499605, 1933321, 1933322, 1933309, 1933310, 1499613, 1933333, 1933334, 1933329, 1933330, 1933325, 1933326 panels

Description

Cover for Angled Patch Panels

Part Numbers

1499614-1

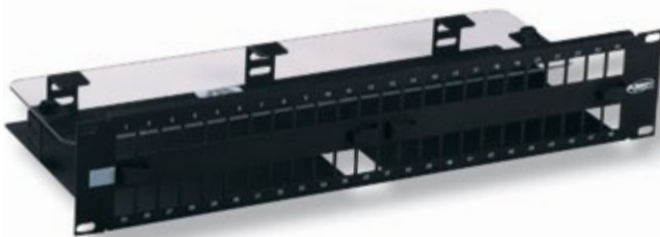
Multimedia Integrated Cable Management SL Series Patch Panels



- Accept unshielded SL Series Jacks and inserts
- May be used to create custom configurations – including mixing fiber, twisted-pair, coax and A/V applications
- Allow elimination of horizontal cable management for higher rack densities and ease of cable dress
- Ports may be individually replaced
- Replacement labels and clear label covers in Chapter 17

Port Count	Height	Width	Figure	Part Number
24	1U (1.75 in)	19.0 in	A	1479449-1
48	2U (3.50 in)	19.0 in		1479450-1

Discrete Multimedia SL Series Patch Panel



- Accepts SL Series Jacks, MT-RJ Outlet Jacks, and SL Series Inserts (purchased separately)
- May be used to create custom configurations, including mixing fiber, twisted-pair, coax and A/V applications
- Allows for easy integration of fiber with copper in the same patch panel
- Clear cover on rear allows easy accessibility
- Shelf in back of panel organizes and manages cable
- Uses 110Connect XC labels (see Chapter 17)
- 2U (3.50 in) x 19 in W x 8 in D

Description

Discrete Multimedia SL Series Patch Panel

Part Numbers

1375156-1

Discrete High Density Angled SL Series Patch Panel



- Accepts AMP-TWIST, shielded, and unshielded SL Series Jacks and inserts (purchased separately)
- Highest density solution for 2U (3.50 in)
- Ports may be individually replaced
- Angled version allow elimination of horizontal cable management for higher rack densities and ease of cable dress

Description

72-Port Discrete Angled Panel

Height

2U (3.50 in)

Width

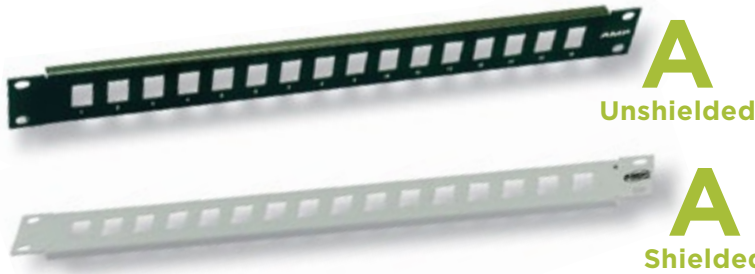
19.0 in

Part Number

1499613-1

110Connect Modular Jack Patch Panels

15



A
Unshielded

A
Shielded

- Shielded patch panels accept shielded 110Connect and Inserts for 110Connect Modular Jack Patch Panels
- Unshielded patch panels accept unshielded 110Connect and Inserts for 110Connect Modular Jack Patch Panels
- May be used to create custom configurations
- Ports may be individually replaced

Port Count	Height	Width	Figure	Unshielded	Shielded
16	1U (1.75 in)	19.0 in	A	557429-1	557429-2
32	2U (3.50 in)	19.0 in		557430-1	557430-2
48	3U (5.25 in)	19.0 in		557431-1	557431-2

NOTE: Shielded patch panels use grounding lug kit 556438-1 for isolated grounding

Inserts for 110Connect Modular Jack Patch Panels



- Used with 110Connect Modular Jack Patch Panels
- Multimode ST Coupler is suitable for use with Multimode Connectors
- Inserts also work with standard, 0.582 x 0.762 in openings

Description	Figure	Almond	Black
Blank	A	558856-2	558856-1
Multimode ST Coupler	B	558860-2	558860-1
BNC Coupler	C	558861-2	558861-1
F-Connector Coupler	D	558862-2	558862-1

NOTE: Not compatible with Standard or Angled Faceplates or Office Boxes.

1U Rack Mount Fiber Optic Patch Panel



- Accepts three (3) Snap-in Adapter Plates or MPO Cassettes (sold separately)
- Fits standard TIA 19-inch rack
- 1U (1.75 in)

Description	Part Number
1U Rack Mount Fiber Optic Patch Panel	1777125-1

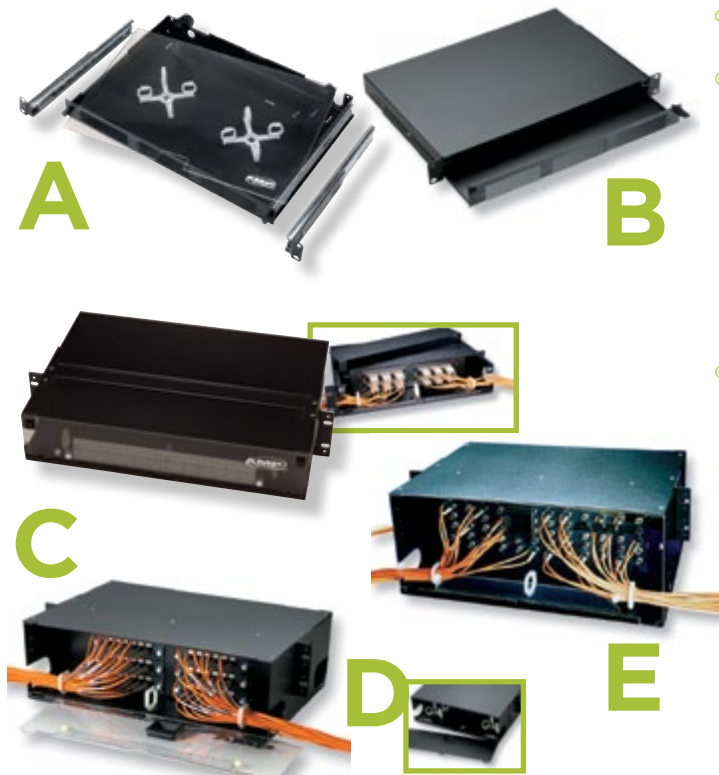
Front Cable Management Assembly



- Provides cable management and labeling to patch panels
- Fits standard TIA 19-inch rack
- Uses wiring block labels in Chapter 17
- Material/Color:
 - Manager: Aluminum/Black
 - Saddles: Plastic/White
 - Label Holder: Plastic/Clear

Description	Part Number
Front Cable Management Assembly	1777240-1

Unloaded Rack Mount Patch Enclosures



- Snap-in adapter plates or MPO cassettes sold separately
- 1U enclosure 1657014 features:
 - Heavy duty, smooth operating, slide mounting brackets
 - Clear, removable top cover
 - Flush mounting
 - Holds 2 splice trays (sold separately) P/N: 1639192-1 (package of two)
 - Fits standard TIA 19-inch racks
- 1U enclosure 1435555 features:
 - Quick release Slide and tilt drawer
 - Forward or flush mounting
 - Fits standard TIA 19-inch racks
 - Includes fiber management rings
 - Special design to hold armored or multiple trunk cables in place
 - Large rear cable entry with tie down brackets that can be mounted inside or outside of Enclosure
- 2U, 3U and 4U Enclosures feature:
 - Removable front and rear covers for easy access and installation
 - Front and rear fiber/cable management rings
 - Edge guard on front cable entries for cable assembly protection
 - Forward, flush or recessed mounting
 - Fits standard TIA 19" and 23" racks
 - Standard Cable Enclosure includes cable strain relief
- Enclosures recommended for use with armored and multiple trunk optical fiber cables (1435556, and 1435557) feature:
 - Special design to hold armored or multiple trunk cables in place
 - Large rear cable entry with tie down brackets that can be mounted inside or outside of enclosure
- Enclosures shown loaded for reference only

Height	Compatible Racks	Capacity Adapter Plates	Capacity Cassettes	Recommended Cable Types	Figure	Part Number
1U (1.75 in)	19-inch	3	3	Standard	A	1-1657014-7
				Armored and Multiple Trunk	B	1435555-1
2U (3.50 in)	19 or 23-inch	4	4	Standard	C	559542-2
				Armored and Multiple Trunk		1435556-1
3U (5.25 in)	19 or 23-inch	8	8	Standard	D	559614-2
				Armored and Multiple Trunk		1435557-1
4U (7.00 in)	19 or 23-inch	12	12	Standard	E	559552-2
				Armored and Multiple Trunk		1435558-1

Unloaded Rack Mount Patch Enclosure Fiber Densities

Enclosure	Fully Loaded Density	6-Fiber Adapter Plates	12-Fiber Adapter Plates or MPO Cassettes	24-Fiber Adapter Plates or MPO Cassettes
1U Enclosures	Fiber Density	18	36	72
	Duplex Port Density	9	18	36
2U Enclosures	Fiber Density	24	48	96
	Duplex Port Density	12	24	48
3U Enclosures	Fiber Density	48	96	192
	Duplex Port Density	24	48	96
4U Enclosures	Fiber Density	72	144	288
	Duplex Port Density	36	72	144

Unloaded Rack Mount Patch Enclosure Accessories

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- Security Kit includes two (2) locks and one (1) aluminum front door (black)
- 1435187-2 is for use with 3U enclosure 559614-2 only

Description	Cable Diameter	Figure	Part Number
Cable Strain Relief	3.5 - 8 mm	A	1206144-1
	9 - 14 mm	B	1206145-1
Cable Management Ring Kit	–	C	1206146-1
3U Security Kit	–		1435187-2
4U Security Kit	–		1435161-2

*For use with 4U enclosure 559552-2 only

1U MT-RJ Rack Mount Patch Enclosure



- 1U, 48-fiber, MT-RJ high-density solution
- Loaded with housings for MT-RJ patch panel jacks (purchased separately)
- Holds up to twenty-four MT-RJ patch panel jacks, MT-RJ SECURE patch panel jacks or MT-RJ pigtail jack cable assemblies (each purchased separately)
- Quick release slide and tilt drawer
- Cable strain relief and management rings included
- Forward, flush or recessed mounting
- Fits standard TIA 19-inch rack
- Accepts icons for identification

Description	Fully Loaded Fiber Density	Duplex Port Density	Part Number
MT-RJ Rack Mount Enclosure	48	24	1206704-4

Rack Mount Fiber Management Enclosures and Accessories



Front, Extended

- Holds excess loops of fiber cable or patch cords
- Drawer style
- Cable management loops included
- 2U (3.50 in)

Description	Part Number
Fiber Management Enclosure	1435808-1

Rack Mount Splice Enclosures



- Each splice tray holder accepts two (2) splice trays (sold separately)
- Uses 1435839 or 559433 splice trays (not included)
- Splice tray holders are located in front of unit allowing cable storage in rear
- Removable rear and clear front covers for easy access and installation
- Clear front cover
- Edge guard on front cable entry for cable assembly protection
- Fits standard TIA 19 and 23-inch racks

Rack Mount Units	Included Splice Tray Holders	Splice Tray Capacity	Fiber Splice Capacity	Figure	Part Number
3U (5.25 in)	3	6	72	A	559089-2
4U (7.00 in)	4	8	96		1435990-2

Rack Mount Splice and Patch Enclosure



Back, Open



Front, Open with Tray Extended

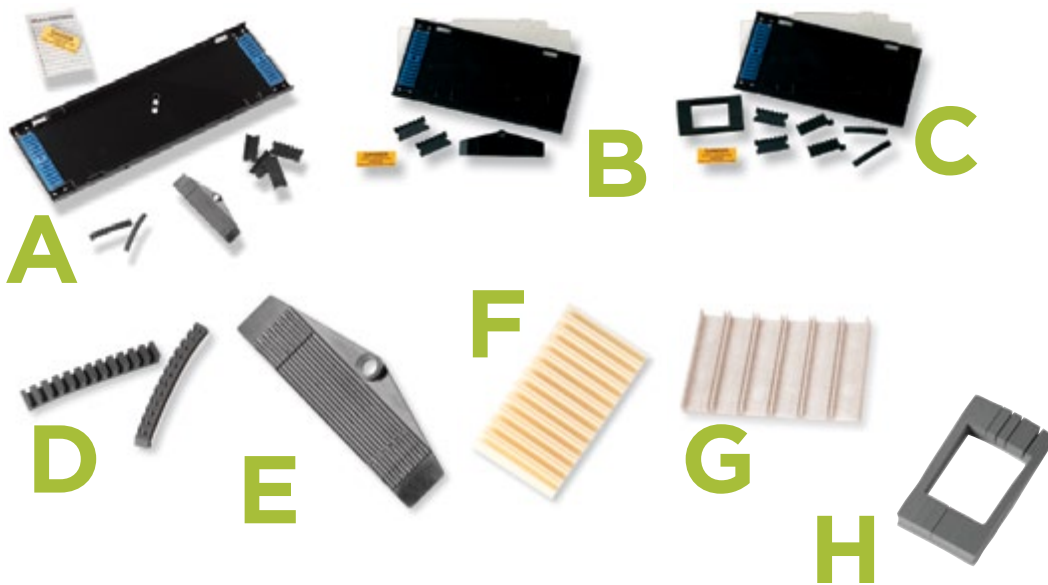
- Accepts up to three (3) snap-in adapter plates or MPO cassettes (sold separately)
- Accepts up to six (6) splice trays P/N: 559433 (see splice accessories table)
- Removable front and rear covers for easy access and installation
- Front and rear cable management rings
- Edge guard on front cable entries for cable assembly protection
- Forward, flush or recessed mounting
- Fits standard TIA 19 and 23-inch racks
- Specially designed to hold armored or multiple trunk cables in place
- Large side or rear cable entry features tie down brackets that can be mounted inside or outside of enclosure
- A splicing shelf is located over adapter plates
- Designed as a drawer for easy access

Rack Mount Units	Adapter Plate Capacity	Splice Tray Capacity	Fiber Splice Capacity	Part Number
2U (3.50 in)	3	6	72	1435652-1

Rack Mount Splice and Patch Enclosure Fiber Density

	6-Fiber Adapter Plates	12-Fiber Adapter Plates or MPO Cassettes	24-Fiber Adapter Plates or MPO Cassettes
Fiber Density	18	36	72
Duplex Port Density	9	18	36

Splice Trays and Accessories



- Splice trays hold up to 12 splices each
- Accommodates both through (in-line) and end (butt) splice configurations
- Black anodized aluminum construction for durability and clear plastic top for improved fiber visibility
- Each splice tray includes clear plastic cover, end caps for fiber retention, and splice holders as listed
- Splice Holders are available:
 - With 559433 as listed
 - Separately from 1435839

Description	Compatible Enclosures/Holders	Compatible Splices	Splice Capacity	Figure	Part Number
Splice Tray	559089, 1435990	By Splice Holder (Available Separately)		A	1435839-1
	1435652, 1374526	Fusion	12	B	559433-2
		Fusion with Sleeve	12	C	559433-3
	1657014		12		1639192-1
Splice Holder	-	Fusion Splice with Sleeves	12	D	503085-1
		Fusion Splice without Sleeves	12	E	503886-1
		CORELINK Splice	12	F	559087-1
		Ribbon, Fusion with Sleeves, LightCrimp Splice	6	G	559066-1
			6	H	559299-1

Wall Mount Patch Enclosures

15

- Accept snap-in adapter plates or MPO cassettes as listed (plates and cassettes sold separately)
- Top and bottom cable entries feature integral rubber cable grommets



A



B



C



D



E



F

- Reversible cable strain relief bracket
 - Internal cable management
 - Fiber loop storage and management
 - Recessed, easy-to-use door latches
 - Designed for indoor use
 - Enclosure 1278323:
 - Designed for use in protected areas
 - Allows access to adapter ports even when door closed
 - Optional lock package for added security
 - Nominal dimensions: 8 in (20 cm) H x 4 in (10 cm) D x 8 in (20 cm) W
 - Enclosure 559561:
 - Optional lock package for added security
 - Nominal dimensions: 8 in (20 cm) H x 4 in (10 cm) D x 8 in (20 cm) W
 - Enclosure 1435128:
 - MPO Cassettes in top two slots only
 - Integral hasp for use with off-the-shelf padlocks
 - Nominal dimensions: 12 in (30.5 cm) H x 3 in (7.6 cm) D x 12 in (30.5 cm) W
 - Enclosure 1278755:
 - Reversible cable strain relief bracket
 - Can house one splice holder (1374526)
 - Optional lock package for added security
 - Knockout ports for cable glands or grommets
 - Nominal dimensions: 16.5 in (40 cm) H x 14 in (35.5 cm) D x 5 in (13 cm) W
 - Splice tray holder 1374526:
 - Holds up to four splice trays
 - Can mix and match splice trays
 - Splice trays hold up to 12 splices
 - Black anodized aluminum construction for durability and improved fiber visibility
 - Each splice tray includes clear plastic cover, end caps for fiber retention, and appropriate splice holders
- Enclosures shown loaded for reference only

Description	Adapter Plate/Cassette Capacity	Number of Doors		Figure	Part Number
Wall Mount Patch Enclosures	2	1	No Optional Components	A	1278323-2
	2	2	No Optional Components	B	559560-2
	4/2	1	No Optional Components	C	1435128-1
	4	2	No Optional Components	D	559561-2
			with Lock and Flat Tie Holders		559561-3
			No Optional Components	E	1278755-1
	6/-	2	with Cable Glands and Cable Grommets		1278755-3
			with Cable Glands, Cable Grommets and one Splice Tray Holder (1374526)		1278755-4
Optional Lock (For Use With 1278323, 559560, 559561 and 1278755)					559501-2
Replacement Cable Grommets (For Use With 1278323, 559560, 559561 and 1278755)					559496-2
Splice Tray Holder (for use with 1278755)					F 1374526-1

Wall Mount Patch Enclosures Fiber Densities

Enclosure	Fully Loaded Density	6-Fiber Adapter Plates	12-Fiber Adapter Plates/ MPO Cassettes	24-Fiber Adapter Plates/ MPO Cassettes
1278323	Fiber Density	12	24	48
	Duplex Port Density	6	12	24
559560	Fiber Density	12	24	48
	Duplex Port Density	6	12	24
559561	Fiber Density	24	48	96
	Duplex Port Density	12	24	48
1435128	Fiber Density	24	48/24	96/48
	Duplex Port Density	12	24/12	48/24
1278755	Fiber Density	36	72/-	144/-
	Duplex Port Density	18	36/-	72/-

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