

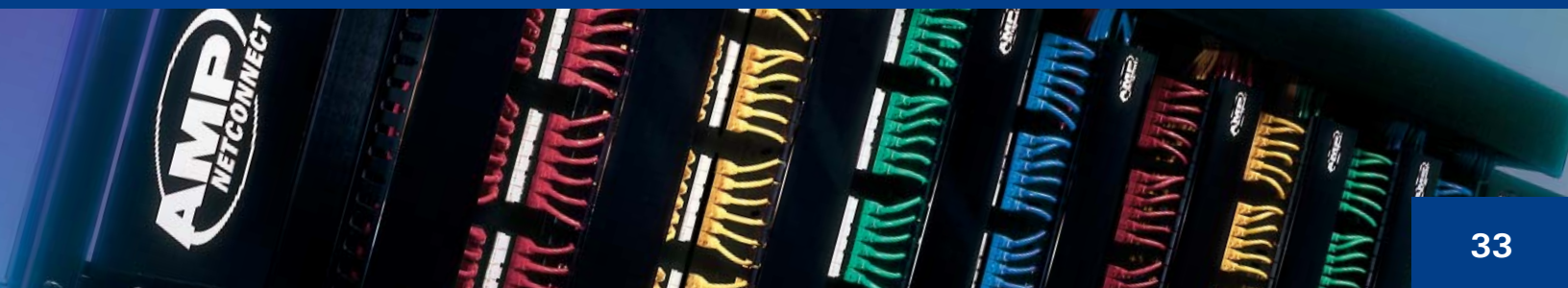
TWISTED PAIR PATCH PANELS

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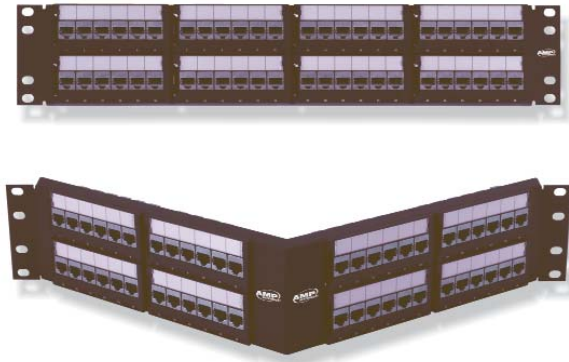
Chapter Summary

- Tyco Electronics features a comprehensive line of AMP NETCONNECT 110Connect, SL Series, ACO, discrete jack and 25-pair patch panels for twisted pair applications

1.4



XG Category 6A AMP-TWIST Shielded Patch Panels

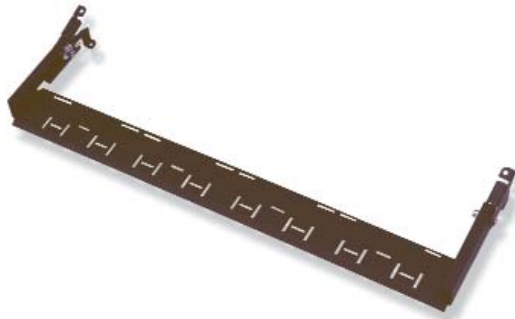


Description	Height	Width	Figure	Part Number
24-Port Straight Panel	1U (1.75")	19.0"	–	1933319-2
48-Port Straight Panel	2U (3.50")	19.0"	A	1933320-2
24-Port Angled Panel	1U (1.75")	19.0"	–	1933321-2
48-Port Angled Panel	2U (3.50")	19.0"	B	1933322-2

Product Facts

- Meets or exceeds the channel specifications of ANSI/TIA-568-B.2-10 Category 6A and Amendment 1 to ISO/IEC 11801:2002 Class E_A up to 500MHz when used as a component in a properly installed AMP NETCONNECT XG F/UTP channel.
- Meets or exceeds all requirements for IEEE 802.3an 10 Gigabit Ethernet
- Shielded installation made simple with jacks
- Ports may be individually replaced
- Packaged unloaded with jacks bagged separately for termination with SL Series Jack Termination Tool (Chapter 1.7)
- Available in straight and angled versions
- Labels and label covers included
- Accommodates icons (sold separately)
- Integrated bonding bar makes bonding simple and requires no extra steps

Cable Management Bracket

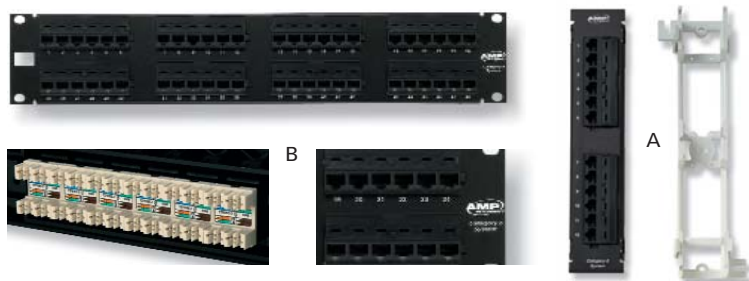


Description	Height	Width	Part Number
Cable Management Bracket	1U (1.75")	19.0"	1933425-1

Product Facts

- Mounts directly to the 1U 24 Port AMP-TWIST panels listed above
- Unique bracket for cabinet applications or other applications where a rear flange is not available for mounting a typical cable support bar
- Additional cable support bars are located in this chapter

Category 6 SL Series Patch Panels



Description	Height	Width	Figure	Part Number
12-Port	10.00"	2.3"	A	1375013-2
24-Port	1U (1.75")	19.0"	-	1375014-2
48-Port	2U (3.50")	19.0"	B	1375015-2
96-Port	4U (7.00")	19.0"	-	1375016-2

Product Facts

- Meets or exceeds TIA and ISO Category 6 component performance requirements
- Ports may be individually replaced
- Packaged unloaded with jacks bagged separately for termination with SL Series Jack Termination Tool (Chapter 1.7)
- Universal wiring – may be terminated to T568A or T568B
- Replacement labels and clear label covers in Chapter 8
- 12-Port Mini Patch Panels mount vertically on 89D bracket (included)

Category 6 Angled SL Series Patch Panels

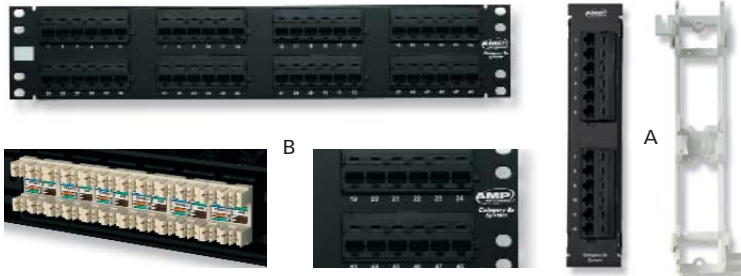


Description	Height	Width	Figure	Part Number
24-Port	1U (1.75")	19.0"	A	1499600-2
48-Port	2U (3.50")	19.0"	B	1499601-2

Product Facts

- Meets or exceeds TIA and ISO Category 6 component performance requirements
- Allow elimination of horizontal cable management for higher rack densities and ease of cable dress
- Ports may be individually replaced
- Packaged unloaded with jacks bagged separately for termination with SL Series Jack Termination Tool (Chapter 1.7)
- Universal wiring – may be terminated to T568A or T568B
- Replacement labels and clear label covers in Chapter 8

Category 5e SL Series Patch Panels



Description	Height	Width	Figure	Part Number
12-Port	10.00"	2.3"	A	1479153-2
24-Port	1U (1.75")	19.0"	–	1479154-2
48-Port	2U (3.50")	19.0"	B	1479155-2
96-Port	4U (7.00")	19.0"	–	1479156-2

Product Facts

- Meets or exceeds TIA and ISO Enhanced Category 5 (Category 5e) component performance requirements
- Ports may be individually replaced
- Packaged unloaded with jacks bagged separately for termination with SL Series Jack Termination Tool (see Chapter 1.7)
- Universal wiring – may be terminated to T568A or T568B
- Replacement labels and clear label covers in Chapter 8
- 12-Port Mini Patch Panels mount vertically on 89D bracket (included)

Category 5e Angled SL Series Patch Panels

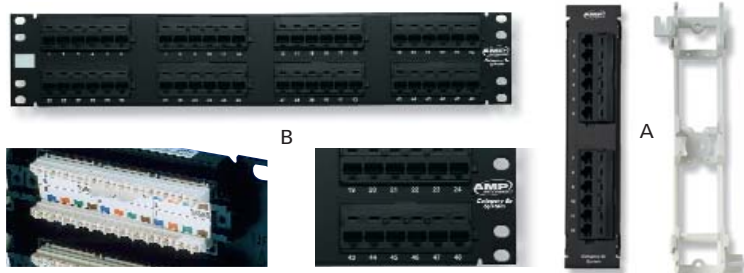


Description	Height	Width	Figure	Part Number
24-Port	1U (1.75")	19.0"	A	1499602-2
48-Port	2U (3.50")	19.0"	B	1499603-2

Product Facts

- Meets or exceeds TIA and ISO Enhanced Category 5 (Category 5e) component performance requirements
- Allow elimination of horizontal cable management for higher rack densities and ease of cable dress
- Ports may be individually replaced
- Packaged unloaded with jacks bagged separately for termination with SL Series Jack Termination Tool (see Chapter 1.7)
- Universal wiring – may be terminated to T568A or T568B
- Replacement labels and clear label covers in Chapter 8

Category 5e 110Connect Patch Panels



Product Facts

- Meets or exceeds TIA and ISO Enhanced Category 5 (Category 5e) component performance requirements
- May be terminated using single-wire or 5-pair tools
- Universal wiring — may be terminated to T568A or T568B
- Replacement labels and clear label covers in Chapter 8
- 12-Port Mini Patch Panels mount vertically on 89D bracket (included)

Description	Height	Width	Figure	Part Number
12-Port	10.00"	2.3"	A	406390-1
12-Port	1U (1.75")	19.0"	—	406981-1
24-Port	1U (1.75")	19.0"	—	406330-1
48-Port	2U (3.50")	19.0"	B	406331-1
96-Port	4U (7.00")	19.0"	—	406332-1

Category 5e Angled 110Connect Patch Panels



Product Facts

- Meets or exceeds TIA and ISO Enhanced Category 5 (Category 5e) component performance requirements
- Allow elimination of horizontal cable management for higher rack densities and ease of cable dress
- May be terminated using single-wire or 5-pair tools
- Universal wiring — may be terminated to T568A or T568B
- Replacement labels and clear label covers in Chapter 8

Description	Height	Width	Figure	Part Number
24-Port	1U (1.75")	19.0"	A	1499604-1
48-Port	2U (3.50")	19.0"	B	1499605-1

Category 5e Integrated Cable Management 110Connect Patch Panels



Product Facts

- Meets or exceeds TIA and ISO Enhanced Category 5 (Category 5e) component performance requirements
- Allow elimination of horizontal cable management for higher rack densities and ease of cable dress
- May be terminated using single-wire or 5-pair tools
- Universal wiring — may be terminated to T568A or T568B
- Replacement labels and clear label covers in Chapter 8

Description	Height	Width	Part Number
24-Port	1U (1.75")	19.0"	1479206-1
48-Port	2U (3.50")	19.0"	1479208-1

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Category 5, 10/100BASE-T, RJ21 (25-Pair) Patch Panel and Cable Assemblies



Description	Part Number
Category 5, 10/100BASE-T, 25-Pair Patch Panel	1116732-1
Left-hand Exit Cable Assembly	1116733-X
Right-hand Exit Cable Assembly	1116734-X

X denotes length in feet: -5 = 5, -7 = 7, 1--0 = 10, 1--5 = 15

Product Facts

- Meets or exceeds TIA and ISO Category 5 component performance requirements
- Provides RJ45 breakouts from 10/100BASE-T switches and hubs that use the 25-pair telecommunications interface
- Compatible with CISCO hubs and switches
- Use with 25-pair plug to plug cable assemblies listed
- Cable assemblies are for use with this patch panel only
- 2U (3.50") x 19" Patch Panel

Category 3 Patch Panels

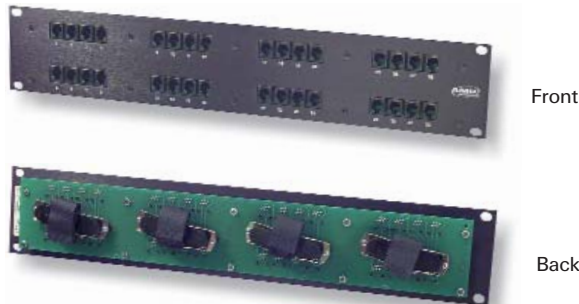


Description	Height	Wiring Pattern	Part Number
24-Port	1U (1.75")	RJ25C (3-Pair)	558257-1
		RJ14C (2-Pair)	557403-1
48-Port	2U (3.50")	RJ25C (3-Pair)	558258-1
		RJ14C (2-Pair)	557411-1
96-Port	4U (7.00")	RJ25C (3-Pair)	558259-1
		RJ14C (2-Pair)	557415-1

Product Facts

- Meets or exceeds TIA and ISO Category 3 component performance requirements
- Available in 2- through 4-pair for voice and low speed data applications
- Fit standard 19" racks

Category 3 25-Pair Patch Panels



Product Facts

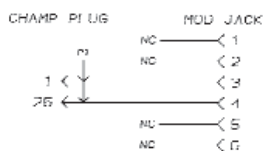
- Meets or exceeds TIA and ISO Category 3 component performance requirements
- Available in 2- through 4-pair for voice and low speed data applications

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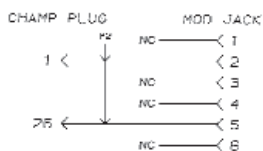
Description	Height	Width	Modular Jack Type	Active Pins	Wiring Diagram	Number of 25-Pair Plugs	Part Number
24-Port	1U (1.75")	19"	1-Pair (6-Pos.)	3&4	A	1	556189-1
			2-Pair (6-Pos.)	2-5	D	2	556183-1
			4-Pair (8-Pos.)	1-8	G	4	556180-1
			4-Pair (8-Pos.)	1-8	F	4	556186-1
32-Port	2U (3.50")	19"	1-Pair (8-Pos.)	4&5	C	2	555480-1
			1-Pair (6-Pos.)	3&4	A	2	555481-1
			2-Pair (6-Pos.)	2-5	D	3	555366-1
			3-Pair (6-Pos.)	1-6	E	4	555043-1
48-Port	3U (5.25")	19"	4-Pair (8-Pos.)	1-8	F	6	555370-1
			1-Pair (8-Pos.)	4&5	C	2	555482-1
			1-Pair (6-Pos.)	3&4	A	2	555483-1
			2-Pair (6-Pos.)	2-5	D	4	555375-1
			2-Pair (8-Pos.)10BASE-T	1-3&6	H	4	556905-1
			3-Pair (6-Pos.)	1-6	E	6	555346-1
			4-Pair (8-Pos.)	1-8	F	8	555383-1
			4-Pair (8-Pos.)	1-8	G	8	556641-1

25-Pair Patch Panel Wiring Configurations

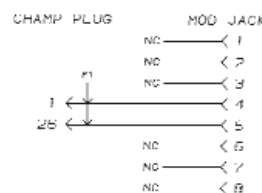
A. 1-Pair (6-Position)



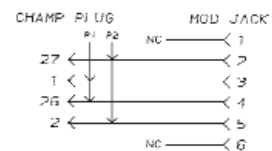
B. 1-Pair (6-Position)



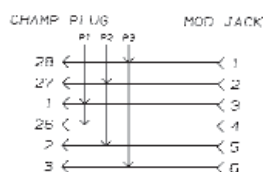
C. 1-Pair (8-Position)



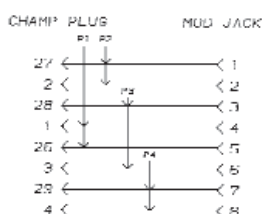
D. 2-Pair (6-Position)



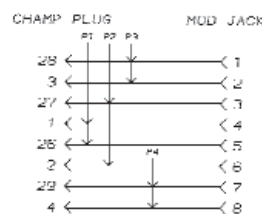
E. 3-Pair (6-Position)



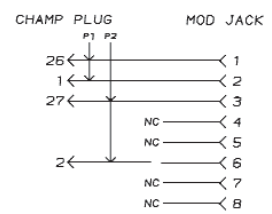
F. 4-Pair (T568B)



G. 4-Pair (T568A)



H. 2-Pair (10BASE-T Wiring)



NOTE: On 32-Port 1-Pair panels CHAMP plugs are loaded pairs 1-16. All others are loaded pairs 1-24.

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Multimedia SL Series Patch Panels



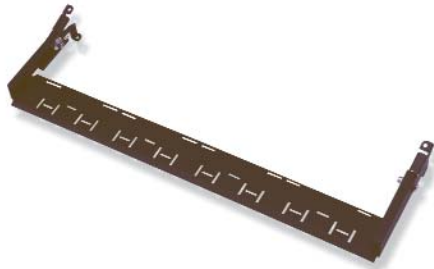
Description	Height	Width		Figure	Part Number
12-Port	10.00"	2.3"	Straight	-	*1375289-1
12-Port	1U (1.75")	19.0"	Straight	-	1933412-1
24-Port	1U (1.75")	19.0"	Straight	-	1933307-1
			Angled	-	1933309-1
48-Port	2U (3.50")	19.0"	Straight	A	1933308-1
			Angled	B	1933310-1

*Note: Does not accept AMP-TWIST or shielded SL Series jacks

Product Facts

- Accepts AMP-TWIST, shielded, and 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 8

Cable Management Bracket



Description	Height	Width	Part Number
Cable Management Bracket	1U (1.75")	19.0"	1933425-1

Product Facts

- Mounts directly to the 1U panels listed above
- Unique bracket for cabinet applications or other applications where a rear flange is not available for mounting a typical cable support bar
- Additional cable support bars are located in this chapter

Multimedia Integrated Cable Management SL Series Patch Panels



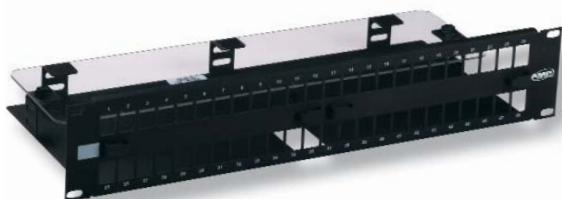
Description	Height	Width	Part Number
24-Port	1U (1.75")	19.0"	1479449-1
48-Port	2U (3.50")	19.0"	1479450-1

Product Facts

- 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 8

Discrete Multimedia SL Series Patch Panel

PART NUMBER 1375156-1



Product Facts

- 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 8)
- 2U (3.50") x 19" W x 8" D

Discrete High Density Angled SL Series Patch Panel

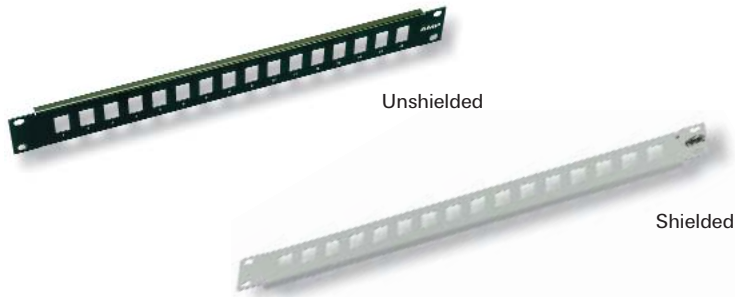


Product Facts

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

Description	Height	Width	Part Number
72-Port Discrete Angled Panel	2U (3.50")	19.0"	1499613-1

110Connect Modular Jack Patch Panels



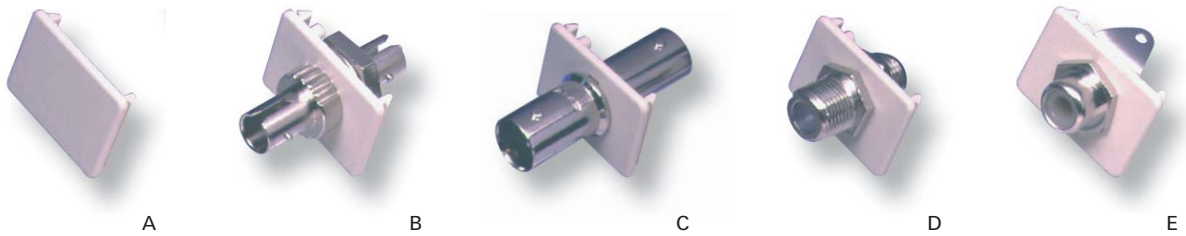
Description	Height	Width	Part Number
16-Port	1U (1.75")	19.0"	557429-X
32-Port	2U (3.50")	19.0"	557430-X
48-Port	3U (5.25")	19.0"	557431-X

X denotes shielding: -1 = Unshielded, -2 = Shielded
 NOTE: Shielded patch panels use grounding lug kit 556438-1 for isolated grounding

Product Facts

- 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

Inserts for 110Connect Modular Jack Patch Panels and Standard 0.582" x 0.762" Openings



Description	Figure	Part Number
Blank	A	558856-X
Multimode ST Coupler	B	558860-X
BNC Coupler	C	558861-X
F-Connector Coupler	D	558862-X
RCA, Solder-Type	E	569983-X

X denotes color: -1 = Black, -2 = Almond
 NOTE: Not compatible with Standard or Angled Faceplates or Office Boxes.

Product Facts

- Used with 110Connect Modular Jack Patch Panels
- Multimode ST Coupler is suitable for use with Multimode Connectors

Category 6, ACO Single-Port Patch Panel Kits, Preloaded



A



B



C



D

Product Facts

- Combines the flexibility and adaptability of the ACO System with the performance and headroom of Category 6
- Meets TIA and ISO requirements for Category 6 component performance
- Category 6 ACO Installation Kits are backwardly compatible with standard ACO Inserts
- Preloaded with Category 6 ACO Single-Port Installation Kits. Category 6 ACO Inserts purchased separately (see Chapter 3)
- Fit standard 19" racks

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Description		Height	Width	Figure		Part Number
16-Port	Iconable	3U (5.25")	19"	A	Shielded	1479312-1*
					Unshielded	1479311-1*
	Non-Iconable	2U (3.50")	19"	B	Shielded	1479310-1
					Unshielded	1479309-1
32-Port	Non-Iconable	4U (7.00")	19"	C	Shielded	1479314-1
					Unshielded	1479313-1
64-Port	Non-Iconable	8U (14.00")	19"	D	Shielded	1479316-1
					Unshielded	1479315-1

*Note: Iconable patch panels accept AMP NETCONNECT Icons for identification. Icons are purchased separately (see Chapter 8)

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High Density ACO Single-Port Patch Panel Kit

PART NUMBER 1479834-1



Product Facts

- ACO Inserts sold separately (see Chapter 3)
- Preloaded with shielded Category 6 single-port connector housings
- Provides a high density solution for ACO Patching - 24 Ports in 2U
- Kit includes:
 - Unlocking tool
 - Faceplates
 - Edge connectors
 - Rear covers
- Dimensions:
 - 2U (3.50") H x 19.0" W x 2.17" D

ACO Single-Port Patch Panel Kits, Preloaded



Note: Inserts sold separately

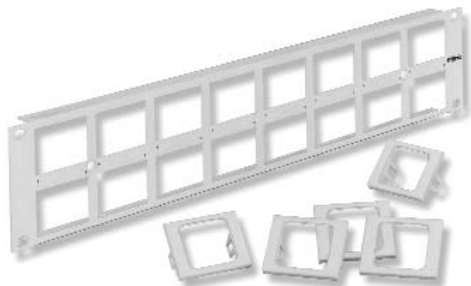
Product Facts

- ACO Inserts sold separately (see Chapter 3)
- Preloaded with shielded or unshielded single-port connector housings
- Provide flexibility and adaptability
- Apply an adapter insert, identical to the outlet insert, to the closet of the cable
- Eliminate wiring errors and provide transparent migration between applications
- Each kit contains preloaded panel, edge connectors, ground shields, EMI/RFI clips, mounting hardware and isolation bushings
- Fit standard 19" racks

Description	Height		Part Number	
			AMP-BARREL Edge Connector	110Connect Edge Connector
16-Port	2U (3.50")	Unshielded	-	406363-1
		Shielded	-	-
	3U (5.25")	Unshielded, Iconable	406369-1	406359-1
		Shielded, Iconable	406370-1	-
32-Port	4U (7.00")	Unshielded	-	406365-1
		Shielded	-	-
64-Port	8U (14.00")	Unshielded	-	406367-1
		Shielded	-	-

NOTE: Both AMP-BARREL and 110Connect edge connectors provide Category 5e performance when combined with Category 5e inserts.

ACO Single-Port Patch Panel Kits, Unloaded



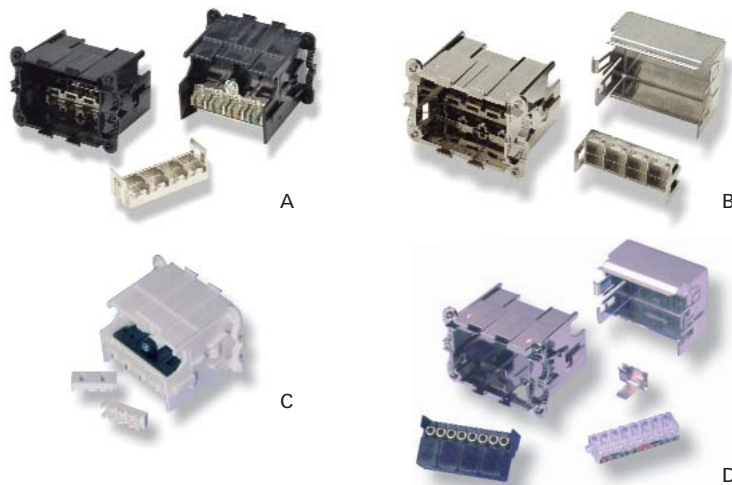
Description	Height	Width	Part Number
16-Port	2U (3.50")	19.0"	556245-1
32-Port	4U (7.00")	19.0"	556246-1
64-Port	8U (14.00")	19.0"	556247-1

Product Facts

- ACO inserts sold separately (see Chapter 3)
- Provide flexibility and adaptability
- Allow construction of unshielded or mixed (shielded/unshielded) panels
- Each kit contains a panel, faceplates, mounting hardware and isolation bushings
- Single-port installation kits purchased separately

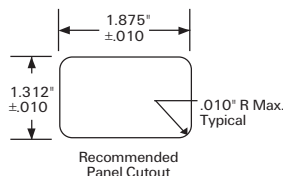
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ACO Single-Port Installation Kits



Description	Edge Connector	Figure	Part Number
Category 6 Single-Port Installation Kit	Unshielded	110-Style	A 1479317-1*
	Shielded	110-Style	B 1479318-1*
Single-Port Installation Kit (Category 5e)	Unshielded	110-Style	C 406360-1*
		AMP-BARREL	- 406389-1
	Shielded	110-Style	- 406361-1*
		AMP-BARREL	D 406388-1

*Note: Not for use with Type 1 Cable.



Product Facts

- ACO inserts sold separately (see Chapter 3)
- Combines the flexibility and adaptability of the ACO System with the performance and headroom of Category 6
- Meets or exceeds TIA and ISO requirements for component performance
- Category 6 ACO Installation Kits are backwardly compatible with standard ACO Inserts
- Used to mount a single ACO Insert
- Single-port kit may be snapped into .040" - .090" thick panel with a minimum of 1 5/8" clearance behind the panel
- Optional screw mounting capability is provided for thicker panels
- Modular furniture faceplate kit adapts the single-port module for installation in standard modular furniture raceway knockouts
- Panel mount faceplates are available for custom applications
- Unshielded kit includes unshielded insert housing, edge connector, and shield clip/strain-relief
- Shielded kit includes shielded insert housing, edge connector, rear shield and shield clip/strain-relief

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**ACO Dual-Port Patch Panel Kit, 16-Port
PART NUMBER 556090-1**



Wall brackets and grounding lug kit in this Chapter.

Product Facts

- ACO Inserts are purchased separately (see Chapter 3)
- Provides flexibility and adaptability
- Kit includes patch panel, cover plates and mounting hardware to support eight AMP Communications Outlets
- Dual-port installation kits (below) are purchased separately
- Panel height – 5.25"

ACO Dual-Port Installation Kits

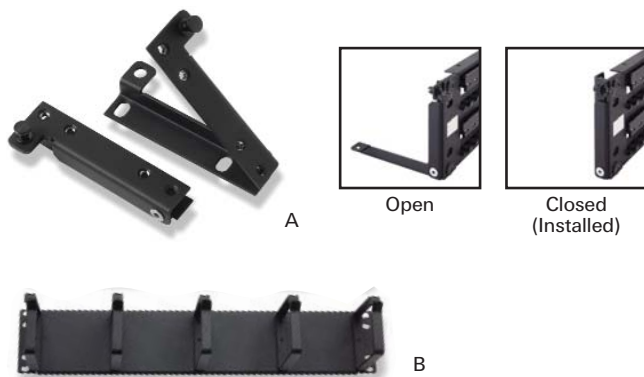


Product Facts

- ACO Inserts are purchased separately (see Chapter 3)
- Used to mount ACO Inserts
- Category 6 Dual-Port Installation Kits -
 - Combines the flexibility and adaptability of the ACO System with the performance and headroom of Category 6
 - Meets or exceeds TIA and ISO requirements for Category 6 component performance requirements when combined with Category 6 Inserts
- Category 6 ACO Installation Kits are backwardly compatible with standard ACO Inserts
- Unshielded kits include unshielded insert housing, and two edge connectors
- Unshielded kits are recommended for installation in 4" square x 2 1/2" deep electrical boxes with standard 100 Ohm UTP cable
- Standard Dual-Port Installation Kits
 - Both 110-Style and AMP-BARREL termination provide Category 5e performance when combined with Category 5e inserts
 - Available in both shielded and unshielded kits
 - Unshielded kits include unshielded insert housing, and two edge connectors
 - Unshielded kits are recommended for installation in 4" square x 2 1/2" deep electrical boxes with standard 100 Ohm UTP cable
 - Shielded kits include shielded insert housing, two edge connectors, ground shield and shield clip/strain-relief
 - Shielded kits are recommended for installation in 4" square x 2 1/2" deep electrical boxes with standard 100 Ohm shielded cable (110-Style Edge Connectors) or 150 Ohm Type 1 cable (AMP-BARREL Edge Connectors)

Description		Edge Connector	Figure	Part Number
Category 6 Dual-Port Installation Kit	Unshielded	110-Style	A	1479306-1
		AMP-BARREL	C	406352-1
Standard Dual-Port Installation Kit	Unshielded	110-Style	B	406091-1
	Shielded	AMP-BARREL	–	555601-1

Hinged Patch Panel Accessories



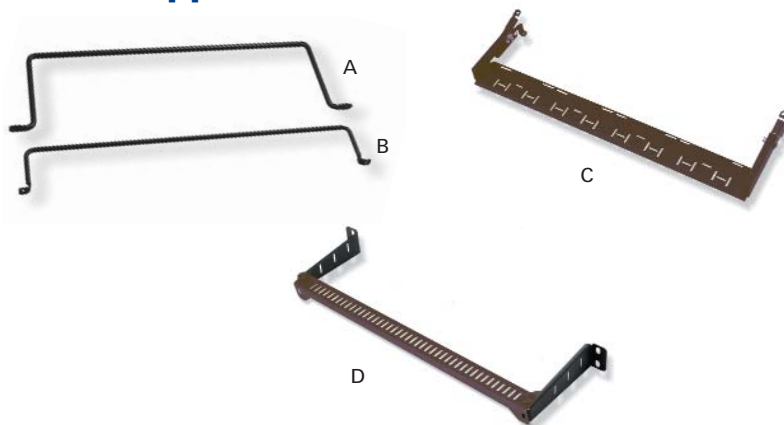
Description	Figure	Part Number	
Patch Panel Hinge Kit	1U (1.75")	–	1479582-1
	2U (3.50")	A	1479402-1
Cable Management Panel for Hinged Patch Panels	1U (1.75")	–	1479732-1
	2U (3.50")	B	1479733-1

Product Facts

- 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" of empty space between them

1.4

Cable Support Bars



Description	Figure	Compatible with Panel	Part Number
Mounts to back of rack, 5" deep	A	(mounts to rack)	557548-1
Mounts to back of rack, 2" deep	B	(mounts to rack)	406042-1
Mounts to rear of Cable Management Panels	–	558329, 558331, 569049 406330, 406331, 406332	558301-1
Mounts to rear of 110Connect and SL Series Patch Panels	–	1475194, 1479155, 147155, 406981 1479156, 1375014, 1375015, 1375016, 1479449, 1479450, 1479206, 1479208	1479860-1
Mounts to rear of XG and SL Multimedia Patch Panels, 1U	C	1933307, 1933309, 1933319, 1933321, 1933327, 1933331, 1933323, 1933325, 1933329, 1933333, 1933412	1933425-1
Cable Management Bar, 6" deep	D	(mounts to rack)	1933352-1
Cable Management Bar, 9" deep	–	(mounts to rack)	1933352-2
Cable Management Bar, 12" deep	–	(mounts to rack)	1933352-3
Cable Management Bar, 16" deep	–	(mounts to rack)	1933352-4

Product Facts

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

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1.4

VELCRO Cable Ties



Product Facts

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

Description	Part Number
1" x 8"	1375253-X
1" x 12"	1375254-X
5/8" x 5 yards	1375255-X
1" x 12" Flame Retardant*	1375256-2

X denotes color: -2 = Black, -3 = White, -4 = Gray, -5 = Orange, -6 = Blue, -7 = Red, -8 = Yellow, -9 = Green, 1--0 = Violet

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

AMP-TY Nylon Cable Ties



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

Hinged Wall Brackets for 19-Inch Panels

Panel Height	Part Number 6" Depth
1U (1.75")	558266-1
2U (3.50")	558267-1
3U (5.25")	558268-1
4U (7.00")	558269-1

Product Facts

- 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.

Hinged Wall Brackets for 19-Inch ACO Panels



Product Facts

- Can be installed with hinges on either side for easier access
- For use with ACO Patch Panels of matching panel height

Panel Height	Part Number *4" Depth
1U (1.75")	557396-1
2U (3.50")	555269-1
3U (5.25")	555273-1
4U (7.00")	555275-1
5U (8.75")	556205-1
6U (10.50")	555276-1

*Note: 4" depth brackets are for use with ACO patch panels of matching panel height only

Cover for Angled Patch Panels

PART NUMBER 1499614-1



Product Facts

- 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

Blank Panels



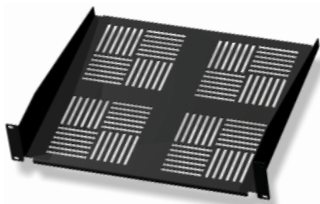
Height	Part Number
1U (1.75")	556965-1
2U (3.50")	556965-2
3U (5.25")	556965-3
4U (7.00")	556965-4
5U (8.75")	556965-5

Product Facts

- Standard 19" length panels are designed for use in filling equipment rack voids

Stationary, Ventilated Shelf

PART NUMBER 1435049-1



Product Facts

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

Grounding Lug Kit

PART NUMBER 556438-1



Product Facts

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

C-LOK, Solid and Stranded Copper Bonding Connectors



Product Facts

- 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