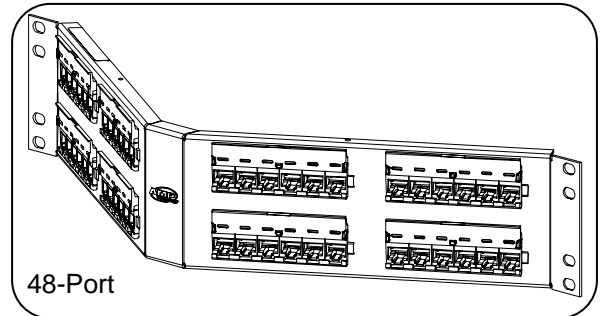
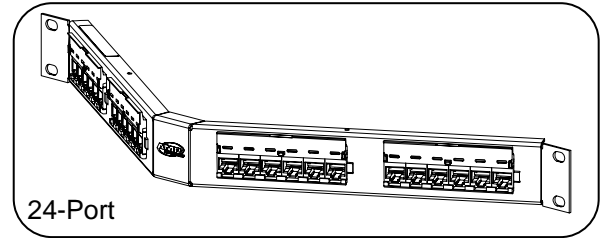
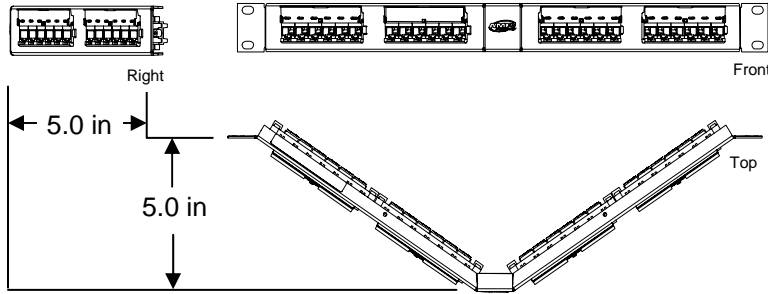


Category 6 Angled SL Series Patch Panels

1479511-1, 1479515-1



Description

AMP NETCONNECT Category 6 Angled SL Series Patch Panels exceed TIA/EIA-568-B and ISO/IEC 11801 requirements for Category 6/Class E component performance. The AMP NETCONNECT Category 6 System complies with all of the performance requirements for current and proposed applications such as Gigabit Ethernet (1000BASE-TX), 10 and 100BASE-TX, token ring, 155 Mbps ATM, 100 Mbps TP-PMD, ISDN, analog and digital video and analog and digital voice (VoIP).

AMP NETCONNECT Category 6 Angled SL Series Patch Panels are available in 24-Port and 48-Port versions. Universal wiring labels permit field installation to either T568A or T568B wiring while simplifying ordering and inventory. The "6-pack" modules accept 9mm and 12mm labels (included) as well as color-coded icons. Each "6-pack" module comes loaded with six individual Category 6 Jacks, enabling each port to be individually replaced if necessary. This design allows for even and repeatable performance testing for each port. AMP NETCONNECT Angled SL Series Patch Panels allow the elimination of horizontal cable management for higher rack densities and ease of cable dress.

Specification (text in brackets [] requires a choice)

Category 6 patch panels shall be angled, [1U, 24-Port or 2U, 48-Port], wired to [T568A or T568B], and shall accept RJ-45, 8-Position modular plugs. Patch panels shall be configured as 6-port modules with individually replaceable jacks. The front of each module shall be capable of accepting 9mm to 12mm labels. Each port shall be capable of accepting an icon to indicate its function. Patch panels shall terminate the building cabling on 110-style insulation displacement connectors. The installed system shall comply with the Category 6 performance characteristics listed in the following table [insert performance table from back page].

Patch panels must be UL Listed under file number E81956. Patch panels shall be AMP NETCONNECT part number [1479511-1 or 1479515-1] or an approved equivalent.

Part Numbers

Description	Part Numbers		
Category 6 SL Series Patch Panel, Angled	24-Port	1U (1.75")	1479511-1
	48-Port	2U (3.50")	1479515-1

Category 6 Angled SL Series Patch Panels

1479511-1, 1479515-1

Worst-Case Performance Characteristics (exceed EIA/TIA and ISO/IEC Category 6 requirements)

Frequency MHz	Insertion Loss dB		Return Loss dB		NEXT dB		FEXT dB	
	Category 6 Standard	Max	Category 6 Standard	Min	Category 6 Standard	Min	Category 6 Standard	Min
1	0.10	0.02	30	52.4	75.0	84.8	75.0	83.7
4	0.10	0.02	30	53.7	75.0	80.3	71.1	74.8
8	0.10	0.02	30	55.3	75.0	77.4	65.0	69.4
10	0.10	0.03	30	56.1	74.0	76.4	63.1	67.5
16	0.10	0.03	30	57.6	69.9	72.0	59.0	62.9
20	0.10	0.04	30	59.3	68.0	71.9	57.1	61.7
25	0.10	0.04	30	59.4	66.0	69.1	55.1	59.8
31.25	0.11	0.05	30	56.8	64.1	67.7	53.2	58.2
62.5	0.16	0.06	28	42.3	58.1	61.5	47.2	52.6
100	0.20	0.06	24	33.2	54.0	57.7	43.1	48.7
200	0.28	0.06	18	21.2	48.0	52.5	37.1	42.2
250	0.32	0.10	16	46.0	46.0	47.9	35.1	40.1

Technical Information

Materials	
Connector Housing Interface (6-Pack Module) –	Polyester molding compound, black
Panel –	Steel, black powder coat
Modular Jacks –	<i>For modular jack materials, see cut sheet for 1375055-X</i>
Screws –	12-24 x 0.5in [12.7mm], black 10-32 x 0.5in [12.7mm], carbon steel, cross recessed
Packaging	
24-Port –	1 – panel per box, 5 – boxes per carton
	4 – black screws per box
	4 – carbon steel screws per box
	4 – releasable nylon cable ties per box
	1 – sheet of white, laser printable, card stock labels per box (12mm labels)
48-Port –	1 – panel per box, 5 – boxes per carton
	4 – black screws per box
	4 – carbon steel screws per box
	4 – releasable nylon cable ties per box
	1 – sheet of white, laser printable, card stock labels per box
	1 – sheet of clear label covers

Approvals

UL Listed – File Number: **E81956**



Durability

For durability of Modular Jack, see cut sheet for 1375055-X

Specifications subject to change without notice.

Revised - 7/25/2003

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