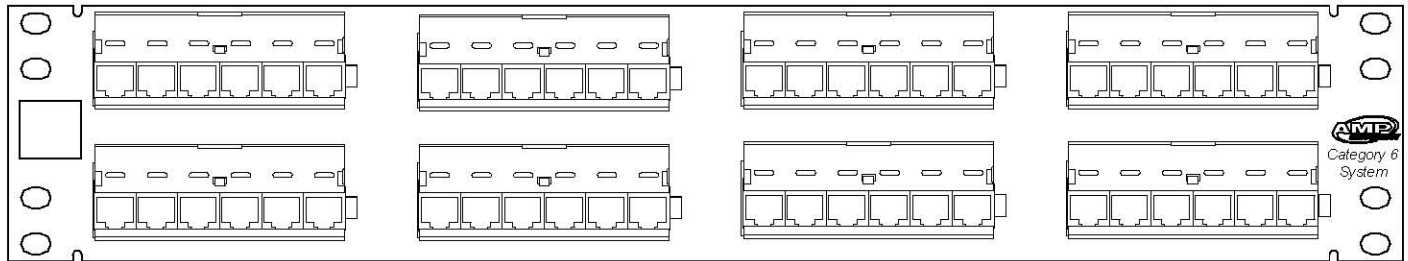


# Category 6 Standard SL Series 110Connect Patch Panels

1375013-1, 1375014-X, 1375015-X, 1375016-X



## Description

AMP NETCONNECT Category 6 Standard 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 SL Series Patch Panels are available in 12-, 24-, 48- and 96-Port, loaded and unloaded versions. Universal wiring labels permit field installation to either T568A or T568B wiring, while simplifying ordering and inventorying. The "6-pack" modules accept 9mm and 12mm labels (included) as well as color-coded icons. Each "6-pack" module comes loaded or unloaded (for 24-, 48- and 96-Port versions) with six individual Category 6 Jacks (shipped bagged for unloaded versions), enabling each port to be individually replaced if necessary. This design allows for even and repeatable performance testing for each port. Unloaded versions allow installers to make use of the AMP NETCONNECT SL Series Termination Tool (P/N: 1725150-1) for even greater performance standardization and repeatability.

## Specification (text in brackets [ ] requires a choice)

Category 6 patch panels shall be [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. [Patch panels shall be supplied unloaded with jacks bagged separately, for termination using AMP NETCONNECT SL Series Termination Tool (p/n: 1725150-1).] The installed system shall comply with the Category 6 performance characteristics listed in the following table.

[insert performance table from back page]

Patch panels shall be UL Listed under file number E81956. Patch panels shall be AMP NETCONNECT part number [1375013-1, 1375014-X, 1375015-X or 1375016-X (X denotes packaging, see table for details)].

## Part Numbers

Description	Height	Width	Part Numbers	
Category 6 Standard SL Series Patch Panels	12-Port	10.00"	2.3"	1375013-1
	24-Port	1U	19.0"	1375014-X
	48-Port	2U	19.0"	1375015-X
	96-Port	4U	19.0"	1375016-X

-X denotes packaging: -1 = loaded, -2 = unloaded, jacks bagged

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## Worst-Case Performance Characteristics (exceed EIA/TIA and ISO/IEC Category 6/Class E 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	17.4	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

### Approvals

UL Listed – File Number: **E81956**



### Durability

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

Specifications subject to change without notice.

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