Category 6 Standard SL Series 110Connect Patch Panels

1375013-2, 1375014-2, 1375015-2, 1375016-2

CommScope's Category 6 Standard SL Series Patch Panels exceed ANSI/TIA-568-C.2 and ISO/IEC 11801 requirements for Category 6/Class E component performance. CommScope's 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).

CommScope's Category 6 SL Series patch panels are available in 12-, 24-, 48- and 96-Port 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 unloaded with six individual Category 6 jacks (shipped bagged), enabling each port to be individually replaced if necessary. This design allows for even and repeatable performance testing for each port. Jacks are terminated using CommScope's 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, 12-Port or 24-Port or 2U 48-Port or 4U, 96-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 CommScope SL Series Termination Tool (p/n: 1725150-1).]** The installed system shall comply with the Category 6 performance characteristics listed on the back page.

Patch panels shall be UL Listed under file number E81956. Patch panels shall be CommScope part number **[1375013-2, 1375014-2, 1375015-2 or 1375016-2]**.

For more information, visit commscope.com

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

Frequency MHz	Insertion Loss (dB) Category 6 Standard	Max	Return Loss (dB) Category 6 Standard	Min	NEXT (dB) Category 6 Standard	Min	FEXT (dB) 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

Specifications

Materials

Connector Housing Interface (6-Pack Module):   Polyester molding compound, black

Panel: Steel, black powder coat

Modular Jacks: For modular jack materials, see data sheet for 1375055-X

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, CSA

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Durability: For durability of modular jack, see data sheet for 1375055-X

Ordering Information

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

Note: Panels packaged unloaded with SL jacks packaged separately

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