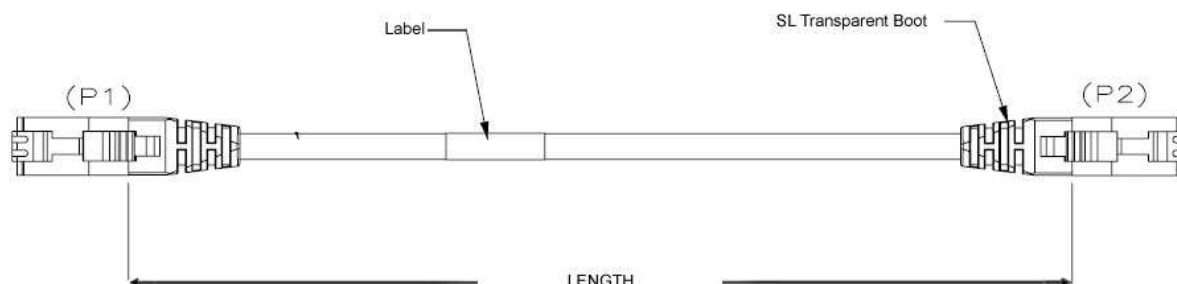


Cable Assemblies Cat 6 Transparent SL Boot

1859282-X, 1859275-X, 1859277-X, 1859278-X, 1859279-X, 1859280-X,
1859281-X, 1859276-X



Description

AMP NETCONNECT Category 6 patch cable assemblies exceed the TIA/EIA-568-B.2-1, TIA/EIA 568-C, ISO/IEC 11801:2002 Class E requirements for Category 6/Class E, IEC 61156-6, IEC 60603-7, EN 50288-6-2 performance. The AMP NETCONNECT Category 6 System complies with all of the performance requirements for current and proposed applications such as 1000 Base-T (Gigabit Ethernet), 10/100BASE-Tx, token ring, 155 Mbps ATM, 100 Mbps TP-PMD, ISDN, analog (Broadband, Baseband) and digital video and analog and digital (VoIP) voice. Patented manufacturing techniques create consistent performance superior to standard cable assemblies. AMP NETCONNECT Category 6 patch cable assemblies are manufactured using colored, stranded cable and transparent SL Boot.

Specification (text in brackets [] requires a choice)

Patch cable assemblies shall be constructed using selective area hard gold-plated modular plugs, wired to the T568B wiring pattern. The cable assemblies shall utilize colored cable and transparent SL boots. Cable assemblies shall comply with TIA/EIA 568-C Category 6 performance requirements and shall be backed by a 25-year system warranty provided by the manufacturer to the customer. Cable assemblies shall be [gray, white, yellow, blue, green, black, orange or red] in color and LSZH (Low Smoke Zero Halogen) jacket.

Black	Gray	Blue	Green	Red	White	Yellow	Orange
1859282-X	1859275-X	1859277-X	1859278-X	1859279-X	1859280-X	1859281-X	1859276-X

Dash number (-X) specifies length in Meter

Cable Assemblies Cat 6 Transparent SL Boot

1859282-X, 1859275-X, 1859277-X, 1859278-X, 1859279-X, 1859280-X,
1859281-X, 1859276-X



Technical Details

Materials	
Conductors –	24 AWG 7/32 stranded bare copper
Insulation –	Flame retardant polyethylene
Jacket –	LSZH Rate, 6.3mm dia. nom.
Boot –	PVC
Plug housing –	clear polycarbonate, 94V-0 Rate
Terminals –	phosphor bronze with 0.00005 in hard gold plating on selected area, gold flash over the remainder, over 0.0001 in nickel under plate
Load bar –	Polycarbonate, 94V-0 Rate with Conductive Filler
Electrical Characteristics	
Capacitance –	13.5 pf/ft. at 1 MHz
Impedance –	100 ohms \pm 15%, 1 MHz to 100 MHz
Voltage –	150VAC max
Mechanical Characteristics	
Operating Temperature –	-20 to 60°C
Bending Radius –	The minimum bending radius is 8x outside diameter during installation and 4x the outside diameter after installation.
Tensile Strength –	50 N
Approvals	
	UL 444
	UL File Number E138034
	RoHS Compliant
	FCC PART 68 SUBPART F

Specifications subject to change without notice.

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<http://www.ampnetconnect.com/thailand>

