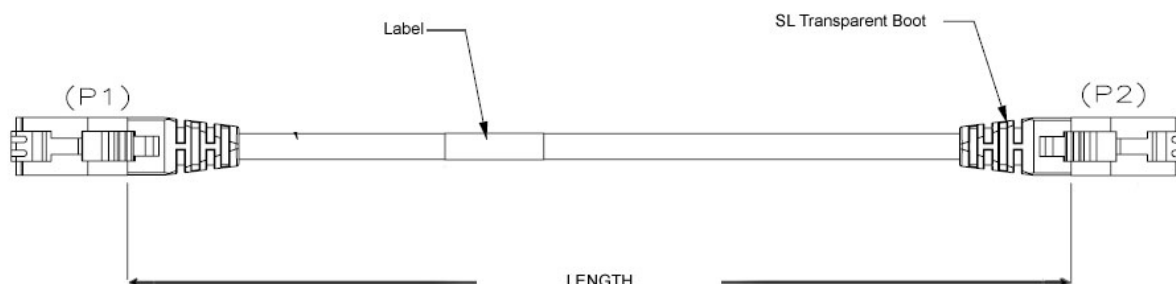


Cable Assemblies Cat 5E Transparent SL Boot

1859244-X, 1859238-X, 1859239-X, 1859240-X, 1859241-X, 1859242-X,
1859243-X, 1859237-X



Description

AMP Enhanced Category 5 patch cable assemblies exceed the proposed TIA 568B.2 and ISO/IEC 11801 Class D requirements for Category 5E/Class D performance, EN 50173-1, IEC 61935-2, IEC 60603-7-2, IEC 60603-7-3 and IEC 60332-1-2. They comply with all of the performance requirements for current and proposed applications such as Gigabit Ethernet (1000BASE-T), 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 manufacturing techniques create consistent performance superior to standard cable assemblies. AMP Enhanced Category 5 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 50-micron gold-plated modular plugs, wired to the T568A wiring pattern. The cable assemblies shall utilize colored cable and transparent SL boots. Cable assemblies shall comply with TIA Category 5E 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.

Black	Gray	Blue	Green	Red	White	Yellow	Orange
1859244-X	1859238-X	1859239-X	1859240-X	1859241-X	1859242-X	1859243-X	1859237-X

Dash number (-X) specifies length. See table below.

Dash Number	Length in feet
-1	1
-2	2
-3	3
-4	4
-5	5
-6	6
-7	7
-8	8
-9	9

Dash Number	Length in feet
1- -0	10
1- -2	12
1- -4	14
1- -5	15
1- -6	16
2- -0	20
2- -5	25
3- -0	30
5- -0	50

Cable Assemblies Cat 5E Transparent SL Boot

1859244-X, 1859238-X, 1859239-X, 1859240-X, 1859241-X, 1859242-X,
1859243-X, 1859237-X



Technical Details

Materials	
Conductors –	24 AWG 7/32 stranded bare copper
Insulation –	polyolefin
Jacket –	FR-PVC CM Rate, 0.21 dia. nom.
Boot –	PVC
Plug housing –	clear polycarbonate
Terminals –	phosphor bronze with 50 micron gold plating on selected area, gold flash over the remainder, over 100 micron nickel under plate
Load bar –	PBT polyester
Electrical Characteristics	
Capacitance –	13.5 pf/ft. at 1 MHz
Impedance –	100 ohms ± 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 File Number E138034	
UL 444	
RoHS Compliant	
FCC PART 68 SUBPART F	

Packaging:

Dash No.	Pkg. Qty.	Weight, lbs.
-1	200	8
-2	100	8.18
-3	80	8.72
-4	60	6.87
-5	50	7.94
-6	40	7.7
-7	35	7.7
-8	30	7.28
-9	30	6.59

Dash No.	Pkg. Qty.	Weight, lbs.
1- -0	25	7.22
1- -2	25	8.29
1- -4	20	7.39
1- -5	20	8.26
1- -6	20	8.36
2- -0	15	7.94
2- -5	10	6.98
3- -0	8	7.6
5- -0	5	6.99

Specifications subject to change without notice.

Revised 06/08

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

