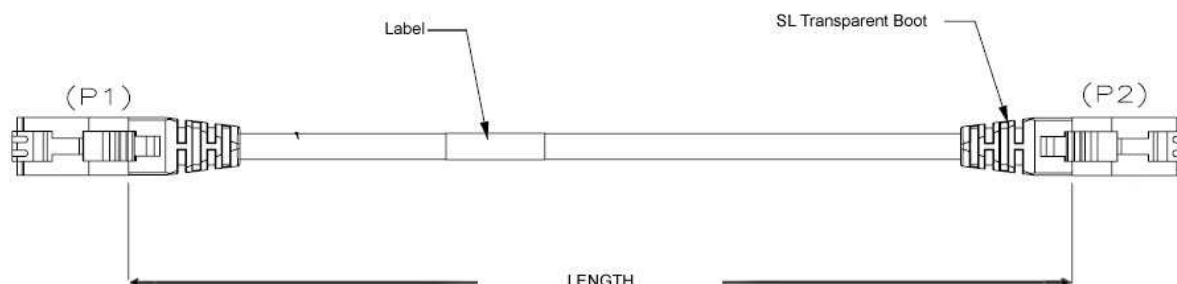


Cable Assemblies Cat 5E Transparent SL Boot

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, TIA/EIA 568-C and ISO/IEC 11801 Class D requirements for Category 5E/Class D, IEC 61156-6, EN 50288-3-2 performance. 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/EIA 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 \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 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 03/11

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