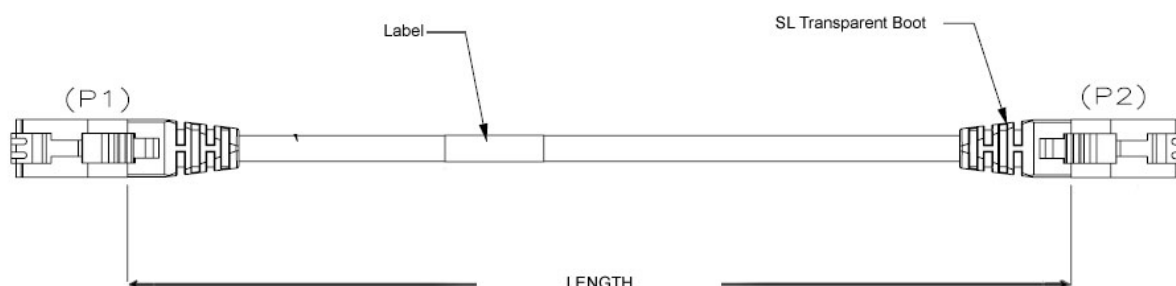


# Cable Assemblies Cat 6 Transparent SL Boot

1859252-X, 1859246-X, 1859247-X, 1859248-X, 1859249-X, 1859250-X,  
1859251-X, 1859245-X



## Description

AMP NETCONNECT Category 6 patch cable assemblies exceed the TIA/EIA-568-B.2-1, ISO/IEC 11801:2002 Class E requirements for Category 6/Class E performance. The AMP NETCONNECT Category 6 System complies with all of the performance requirements for current and proposed applications such as Gigabit Ethernet, 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 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.

Black	Gray	Blue	Green	Red	White	Yellow	Orange
1859252-X	1859246-X	1859247-X	1859248-X	1859249-X	1859250-X	1859251-X	1859245-X

Dash number (-X) specifies length See table below

Dash Number	Length in feet
-1	0.5
-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 6 Transparent SL Boot

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1859251-X, 1859245-X



## Technical Details

Materials	
Conductors –	24 AWG 7/32 stranded bare copper
Insulation –	Flame retardant polyethylene
Jacket –	FR-PVC CM Rate, 0.22 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 File Number E188111	
UL 444	
RoHS Compliant	

## 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.

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

