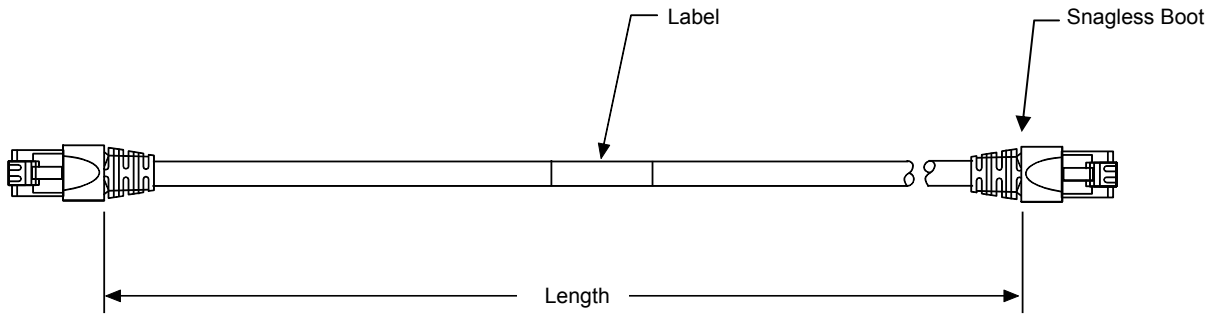


# Category 6 Patch Cable Assemblies

219884-X, 219885-X, 219886-X, 219887-X, 219888-X,  
219889-X, 219890-X, 219891-X, 1499023-X



## Description

AMP NETCONNECT Category 6 Patch Cable Assemblies exceed TIA/EIA-568-B.2-1 and IEC 60603-7-4 requirements for Category 6/Class E component performance. The AMP NETCONNECT 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).

AMP NETCONNECT Category 6 Patch Cable Assemblies are manufactured using patented techniques that create consistent performance superior to standard cable assemblies. AMP NETCONNECT Category 6 cable assemblies are riser rated and constructed using colored, stranded cable and matching colored snagless boots.

## Specification (text in brackets [ ] requires a choice)

Category 6 patch cable assemblies shall be constructed using modular plugs with 50µm gold-plated contacts, and shall be wired to the T568A wiring pattern. Cable assemblies shall utilize colored cable and "snagless" cable boots that match the color of the cable. Cable assemblies shall be [gray, white, yellow, blue, green, black, orange or red] in color and shall be AMP NETCONNECT part number [219884-X, 219885-X, 219886-X, 219887-X, 219888-X, 219889-X, 219890-X, 219891-X or 1499023-X].

## Part Numbers

Description	Part Numbers	
Category 6 Cable Assembly, UTP	Black	219884-X
	Gray	219885-X
	Blue	219886-X
	Green	219887-X
	Red	219888-X
	White	219889-X
	Yellow	219890-X
	Orange	219891-X
	Violet	1499023-X

X denotes length in Feet			
-1	1	1- -2	12
-2	2	1- -4	14
-3	3	1- -5	15
-4	4	1- -6	16
-5	5	2- -0	20
-6	6	2- -5	25
-7	7	3- -0	30
-8	8	4- -0	40
-9	9	5- -0	50
1- -0	10		

# Category 6 Patch Cable Assemblies

219884-X, 219885-X, 219886-X, 219887-X, 219888-X, 219889-X, 219890-X, 219891-X, 1499023-X

## Technical Details

### Electrical Characteristics

Impedance – 100Ω + 15%, 1 MHz to 100 MHz  
Capacitance – 13.5 pF/ft at 1 MHz

### Materials

Conductors – 24 AWG, 7/32 stranded copper  
Insulation – Flame Retardant Polyethylene  
Jacket – PVC (Riser Rated), .210 nominal diameter  
Boot – Elastomer Polyolefin  
Plug Housing – Clear Polycarbonate  
Terminals – Phosphor bronze with 50µm gold plating on selected area, gold flash over the remainder, > 100µm nickel underplate

### Packaging

Dash Number	Package Quantity	Package Weight (lbs)
-1	150	6.00
-2	80	6.86
-3	80	8.42
-4	50	6.94
-5	50	7.99
-6	40	7.36
-7	35	7.53
-8	30	7.30
-9	25	6.56
1--0	25	7.16
1--2	25	8.33
1--4	20	7.72
1--5	20	7.98
1--6	20	8.72
2--0	15	7.71
2--5	10	6.58
3--0	8	7.40
4--0	5	7.41
5--0	5	7.42

### Independent Testing

Tested by:

ETL SEMKO



Report Number – 3050734-001

Specifications subject to change without notice.

Revised – 1/21/2004

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