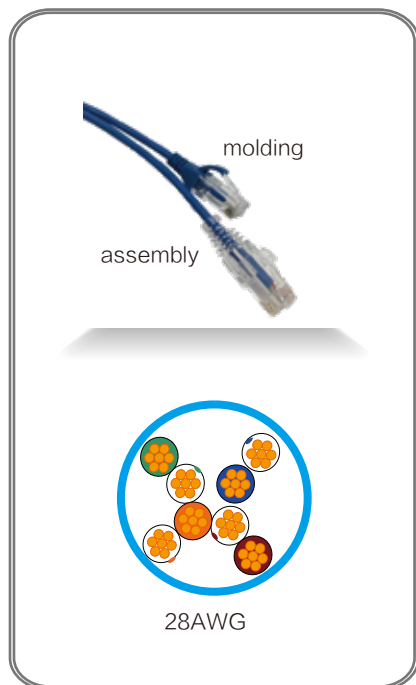
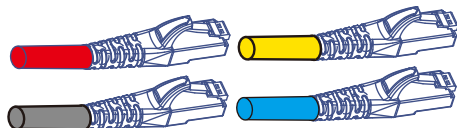




Cat.6 Unshielded Patch Cord, U/UTP, 28AWG



Product advantage

- Comply with TIA/EIA 568-B.2-1, ANSI/TIA 568.2-D Cat.6 and ISO/IEC 11801 2nd class E.
- Advanced stranding process is adopted for Cat.6 of multi stranded copper wire jumper, with a transmission bandwidth of 250MHz.
- The outer skin is made of standard flame-retardant material and can be selected with flame-retardant PVC and LSOH low smoke halogen-free.
- Mechanical crimping protective sleeve and RJ45 shrapnel protection design are adopted.
- It can provide jumpers of eight colors, meeting TIA-606 color management standard.
- Comply with ROHS 2011/65/EU environmental protection standards.

Product characteristics

RJ45 connector conforms to UL/CSA FCC part 68, sub part F
 Cable insulation material conforms to UL-94V-0
 Contact plating: 50 μ Gold Plated /100 μ plate with nickel
 Interface plugging times: >1000
 Plug and pull resistance: minimum 11lbf (50N) between plug and interface
 Outer diameter: 3.8+/-0.2mm (28AWG)
 Maximum DC resistance: <22.3 Ω /100m at 20 $^{\circ}$ C
 Mutual capacitance: <5.6nf/100m
 Applicable temperature: -20 $^{\circ}$ C to +75 $^{\circ}$ C
 Insulation strength (conductor conductor):1000VAC, 60hz/1min
 Insulation impedance: >500M ohms (500VDC)
 Contact impedance: <35M ohm
 Rated voltage / current: 150VAC/1.5Ampere
 Inner conductor gauge: 28AWG stranded copper
 Cable sheath material: PVC or LSOH in accordance with IEC 60332-1-2

Can be used

10/100Base-T
 1000Base-T
 2.5G/5GBase-T
 1.2/2.4Gbps ATM
 TP-PMD(ANSI X3T9.5 100Mbps)
 4/16Mbps Token Ring
 ISDN, VoIP

Order information

Product model	Description	Packing
FL-68HXX-02-W	Cat.6 U/UTP Patch Cord 28AWG,PVC 2M,molding	1pc/pk
FL-68HXX-03-W	Cat.6 U/UTP Patch Cord 28AWG,PVC 3M,molding	1pc/pk
FL-68LXX-02-W	Cat.6 U/UTP Patch Cord 28AWG,LSOH 2M,molding	1pc/pk
FL-68LXX-03-W	Cat.6 U/UTP Patch Cord 28AWG,LSOH 3M,molding	1pc/pk
FL-68HXX-03-S	Cat.6 U/UTP Patch Cord 28AWG,PVC 3M,short boot,assembly	1pc/pk
FL-68LXX-03-S	Cat.6 U/UTP Patch Cord 28AWG,LSOH 3M,short boot,assembly	1pc/pk

Color code-XX	01	02	03	04
	05	06	07	08



Meet the standards

TIA/EIA 568-B.2
 ANSI/TIA 568.2-D
 ISO/IEC 11801 2nd Edition
 EN 50173 2nd Edition
 EN 55022 Class B

Transmission Characteristics

FREQ	RL	NEXT	PS-NEXT	Prop. Delay
MHz	(min. dB at 20 $^{\circ}$ C)	(min. dB)	(min. dB)	(max. ns)
1	20.0	74.3	72.3	570
4	23.0	65.3	63.3	552
8	24.5	60.8	58.8	549
10	25.0	59.3	57.3	545
16	25.0	56.2	54.2	543
20	25.0	54.8	52.8	542
25	24.2	53.3	51.3	541
31.25	23.3	51.9	49.9	540
62.5	20.7	47.4	45.4	539
100	19.0	44.3	42.3	538
200	16.4	39.8	37.8	537
250	15.6	38.3	36.3	536