



# Cat.6 Unshielded Patch Cord, U/UTP, 24AWG



## Product advantage

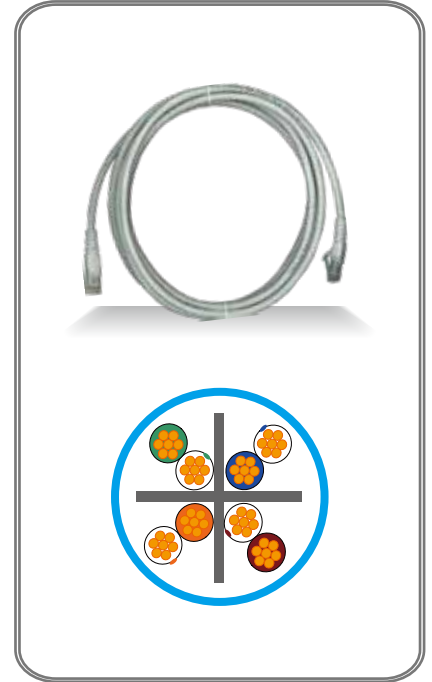
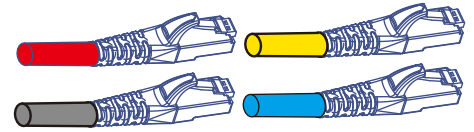
- Comply with TIA/EIA 568-B.2-1, ANSI/TIA 568.2-D Cat.6 and ISO/IEC 11801 2nd Class E.
- A cross frame is provided to isolate the pairs of Cat.6 Cable of multi stranded copper strands, with a transmission bandwidth of 250MHz.
- The outer skin is made of standard flame-retardant material, and can be selected with flame-retardant PVC or LSOH low smoke halogen-free.
- It adopts mechanical rubber filled protective sleeve and has RJ45 shrapnel protection design.
- 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 (IEC 603.7/classa)  
 Plug and pull resistance: minimum 30lbs (133n) between plug and interface  
 Maximum DC resistance: <9.38 Ω /100m at 20 °C  
 Mutual capacitance: <5.6nf/100m  
 Applicable temperature: -20 °C to +75 °C  
 Insulation strength (conductor conductor):1000v, 60hz/1min  
 Insulation strength (conductor wire split grid):1500v, 60hz/1min  
 Insulation impedance: >500m ohms (500VDC)  
 Contact impedance: <35m ohm  
 Working voltage: ≤ 50V  
 Inner conductor gauge: 24AWG stranded or solid copper  
 Cable sheath material: PVC or LSOH in accordance with IEC 60332-1-2

## Can be used

10/100Base-T  
 1000Base-T(Gigabit Ethernet)  
 1.2/2.4 Gbps ATM  
 TP-PMD(ANSI X3T9.5 100Mbps)  
 4/16Mbps Token Ring  
 ISDN, VoIP  
 PoE+ compliant



## 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

## Order information

Product model	Description	Packing
FL-6HXX-02-W	Cat.6 U/UTP Patch Cord 24AWG,PVC 2M, molding	1pc/pk
FL-6HXX-03-W	Cat.6 U/UTP Patch Cord 24AWG,PVC 3M, molding	1pc/pk
FL-6HXX-05-W	Cat.6 U/UTP Patch Cord 24AWG,PVC 5M, molding	1pc/pk
FL-6LXX-02-W	Cat.6 U/UTP Patch Cord 24AWG,LSOH 2M, molding	1pc/pk
FL-6LXX-03-W	Cat.6 U/UTP Patch Cord 24AWG,LSOH 3M, molding	1pc/pk
FL-6HXX-02-S	Cat.6 U/UTP Patch Cord 24AWG,PVC 2M,short boot,assembly	1pc/pk
FL-6LXX-02-S	Cat.6 U/UTP Patch Cord 24AWG,LSOH 2M,short boot,assembly	1pc/pk

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

