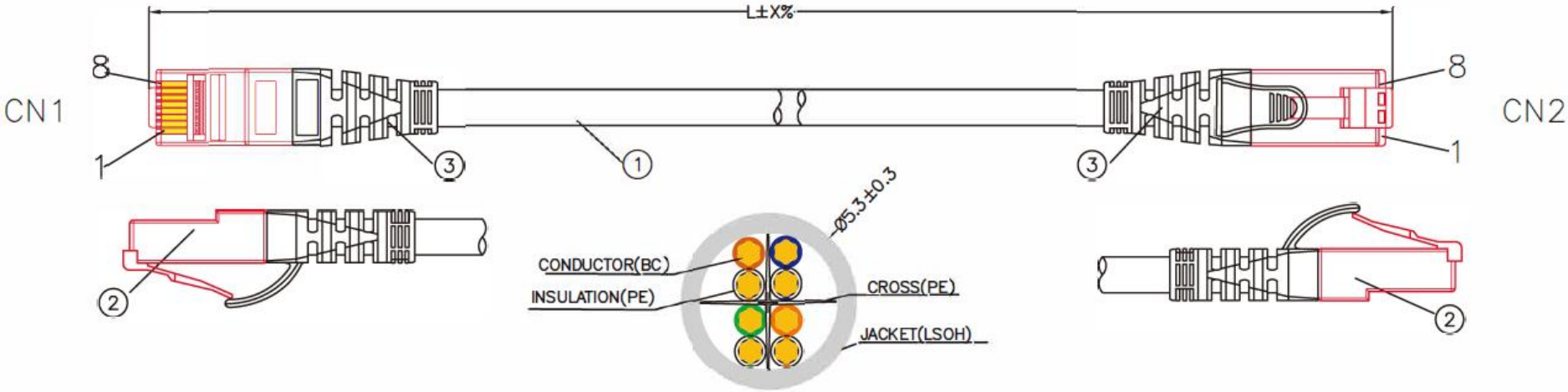


CAT-6A Snagless LSZH Molded Patch Cords

NEWLINK patch cords meet the communication’s most stringent requirements and exceed them with enhanced technical characteristics. Flexibility, resilience, perfect geometry matching, gold plated contacts, LSZH jacket, low resistance copper stranded conductors and many other details are the base for this product series. Our Category 6A Unshielded Twisted Pair (U/UTP) cable has been designed for data transmission at 10 Gigabits per second while ensuring stable operation at 500MHz or higher. Complies with all applicable worldwide electrical and telecommunications standards, including ANSI/TIA 568.2-D and ISO/IEC 11801. This cable consists of four pairs of 26 AWG solid polished copper wires, combined with a foam dielectric of polyethylene. Low Toxicity Halogen Free (LSZH) compound gives this cable an added advantage. This material is characterized by the low emission of smoke, toxic and corrosive gases when exposed to fire and facilitates safe evacuation in case of fire, which is essential when it comes to protecting human life and equipment during an accident. Available in attractive colors for easy identification. Most used lengths available from stock. Special dimensions available upon request, minimum orders apply.



1	Cable	UTP Cat6A 4pair, Copper 26AWG (BC 7/0.16mm +/-0.005) *4 +PE Cross + LSZH, OD 5.7+/- 0.3mm
2	Connector	RJ45 8P8C, two fork gold plated contacts, transparent
3	Molding PVC	LSZH

Type of Cable:	U/UTP Unshielded Twisted Pair
No. of Pairs:	4
Conductors:	8
Type of Conductors:	Bare copper
Conductor Calibre:	26 AWG
Internal insulation material:	HDPE
Min. Avg. Thickness:	0.21mm
Min. Thickness:	0.19mm
Color combinations:	
Pair 1	Blue-White/Blue
Pair 2	Orange-White/Orange
Pair 3	Green-White/Green
Pair 4	Brown-White/Brown
External jacket material:	LSZH (Low smoke Zero Halogen)
Min. Avg. Thickness:	0.69mm
Min. Thickness:	0.56mm
Cable Avg. Diameter:	5.7mm +/- 0.3mm
Jacket Color:	Blue
Cable Impedance:	100 ohms 15% at 250 MHz
Max. DC Resistance:	14 ohms per 1000 ft (305 m)
Pair to GND Capacitance:	330 pF per 328 ft (100 m)
Mutual Capacitance:	5.6 nF per 1000 ft (305 m)
DC resistive capacitive unbalance:	2%
Minimum propagation speed:	69%

Dielectric Strength:	2.5 kV DC
Current Rating:	1 A Insulation
Plug color:	Transparent
Plug material:	Polycarbonate UL 94V-2
Contact material:	Phosphor Bronze with 50u inch Gold over Nickel Plating Blades
Boot:	Snagless
Transmission velocity:	10000 Mbps/10Gbps
Bandwidth:	500 MHz
Installation Temp Range:	0°C To +50°C
Operating Temp Range:	-20°C to +60°C

Electrical test

Open/Short Circuit Test 100%

Cat6A Channel test pass on Fluke Tester

RoHS and REACH compliant

Standards:	ANSI/TIA 568.2-D ISO/IEC 11801-1 Ed 1.0 IEEE 802.3af (Type 1 PoE) IEEE 802.3at (Type 2 PoE) IEEE 802.3bt (Type 3 PoE) IEEE 802.3bt (Type 4 PoE) Power over HDBaseT (PoH) IEC 60603-7 IEC 60332-1, 60754, 61054, 61034 TIA-968-A (Formerly FCC Part 68 Subpart F)
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Ordering Information:

Part Number	Description
NEW-177607BL	Cat-6A Snagless, molded Patch Cords LSZH, 7ft Blue