

UTP Patch Cord CAT 6, 24 AWG



STANDARD COMPLIANCE

- ANSI/TIA-568.2-D
- ISO/IEC 11801
- CENELEC EN 50173
- UL 94 V-0
- CE, RoHS, RE
- FCC CFR 47 part 68 sub-part F
- IEC 60603-7

APPLICATION SUPPORT

- 10 BASE-T
- 100 BASE-TX (IEEE 802.3u Fast Ethernet)
- 1000 Base-T (IEEE 802.3ab Gigabit Ethernet)
- PoE (IEEE 802.3af, IEEE 802.3at)

General Specifications

Cable Type	U/UTP (Unshielded)	
Interface Connector A	RJ45 Plug (8P8C)	
Interface Connector B	RJ45 Plug (8P8C)	
Connector Material	Polycarbonate	
Contact Material	Copper Alloy, Gold Plating 50 μinch	
Boot Material	Transparent Polycarbonate	
Conductor Type	Stranded Bare Copper	
Conductor Diameters	24 AWG (7/0.2 mm.)	
Insulation Diameters	HDPE 0.95 ± 0.05 mm.	
Twisted Pair	Pair 1 : White/Blue, Blue	Pair 2 : White/Orange, Orange
	Pair 3 : White/Green, Green	Pair 4: White/Brown, Brown
Wiring Pattern	T568B	
Jacket	PVC (UL 1685 : CM)	
Cable Diameters	6.0±0.2 mm.	

Environmental Specifications

Flammability Rating	UL 94 V-0, UL 1685
Temperature	-10°C to 60°C

Electrical Specifications

ANSI/TIA Category	6
Conductor DC resistance	8.9 Ω/100 m.
Impedance	100 Ω
Capacitance	5600 pf/100m
Propagation Delay	545 ns/100m. (Max)
Delay Skew	45 ns/100m. (Max)
Voltage Rating	30 V.

100% Tested Factory

Order Information

Part Number	Description	Type	Color
LMZ-PC06BU1F	Patch Cord CAT 6,1F	Unshield	Blue
LMZ-PC06BU01	Patch Cord CAT 6,1M	Unshield	Blue
LMZ-PC06BU02	Patch Cord CAT 6,2M	Unshield	Blue
LMZ-PC06BU03	Patch Cord CAT 6,3M	Unshield	Blue
LMZ-PC06xxyy	Patch Cord CAT 6,yy	Unshield	xx (Color)

Color (xx) = BU (Blue), GR (Green), RD (Red), YL (Yellow), BL (Black), WH (White)

Length (yy) = 1F (1 Feet), 01 (1 M.), 02 (2M.), 03 (3M.), ...