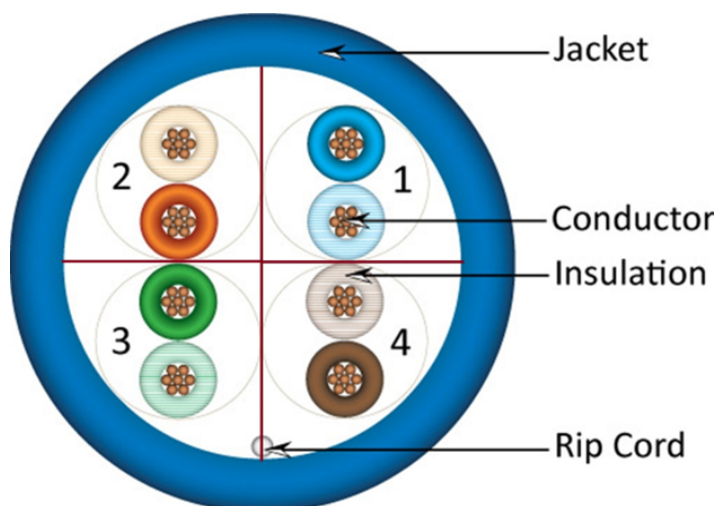


CAT 6A U/UTP 24 AWG LSZH PATCH CORD

WIAN provide an array of Cat6A U/UTP Cables with different conductor sizes, tailored to meet every Ethernet requirement. Our Cat 6A Cables boast compatibility with data rates of up to 10 Gbps, making them the prime selection for LAN/WAN Solutions. Each cable comprises 8 copper conductors, with 2 conductors intricately twisted to forge a pair. The amalgamation of 4 pairs, sheathed with FR grade material, ensures unparalleled performance and durability

- Cable Type : U/UTP
- Category : Cat6A
- No. of Pairs : 4



Physical Construction:

• Conductor Type	Stranded Bare Copper
• Conductor Size	24 AWG
• Insulation	Polyolefin
• Insulation Diameter	1.0 mm $\pm$ 0.05 mm
• Pairing	Twisted into two core
• Sheath	LSZH
• Colour of Sheath	Grey (RAL 7035) or As per requirements
• Cable Diameter	5.7 mm $\pm$ 0.3 mm
• Printing	As per customer requirements

Electrical Properties:

• Conductor Resistance (Ω /km)	135 (Max)
• Mutual Capacitance (nF/100 M)	5.6 (Max)
• Resistance Unbalance (%)	5 (Max)
• Worst Delay Skew (ns/100 M)	$\leq$ 45
• NVP (%)	69
• Characteristic Impedance (Ω)	100 $\pm$ 15

Mechanical Properties:

• Bending Radius	$\leq 8 \times \text{Cable Diameter}$
• Installation Temperature	0 to +50 °C
• Operating Temperature	-20 to +75 °C

Pair Identification Colour Code:

Pair#1-2	White	Orange	Orange
Pair#3-6	White	Green	Green
Pair#4-5	White	Blue	Blue
Pair#7-8	White	Brown	Brown

High Frequency Electrical Properties: Will Comply as per ANSI/TIA-568.2-D in Channel Specification

Note : RJ 45 Unshielded connector crimped both side with transparent boot



Ref Standard:

- ANSI/TIA-568.2-D
- ISO/IEC 11801 2ND Edition
- IEC 60332-1

Packing Standard:

- Packing Style : Plain Polybag
- Packing Length : As per requirement