

Copper Cabling Solutions

Category 6 Solid UTP LSZH Eca Cable



Connectix Cat 6 UTP LSZH Cable is designed for high speed LANs including Gigabit Ethernet applications. When used with Connectix panels and modules it gives the exceptional performance required for transmission over all four pairs. The cable is supplied in easy to use boxes and is available with standard purple LSZH outer sheaths.

Features & Benefits

- Suitable for Gigabit Ethernet applications
- LSZH outer sheaths
- Supplied metre marked in easy pull boxes for easy installation
- Pure copper cores
- Excellent performance exceeding ANSI/TIA stated specifications
- 25 Year System Warranty Available



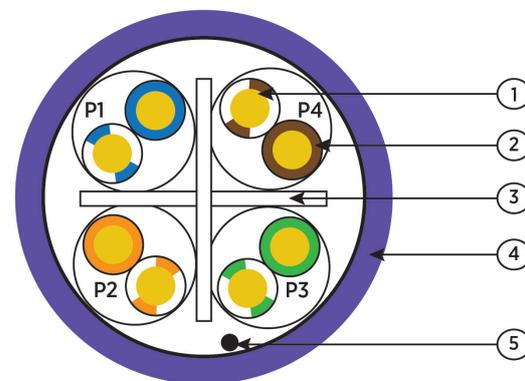
Electrical Specifications

DC Resistance	< 9 Ω /100 m
Insulation Resistance	>5000m Ω *km
Capacitance Unbalance (pair to ground)	< 5.6nF/100 m
Velocity Ratio	69%
Operating Temperature Range	-20 °C to +60 °C
Installation Temperature Range	0 °C to +50 °C
Characteristic Impedance @1-250 MHz	100 Ohm +/- 15 Ohm

Product Specifications

Inner Conductor	23 AWG plain copper
Insulation	High density polyethylene
Construction	4 twisted pairs cabled together with spline
Colour Code	Pair 1: White-Blue/Blue Pair 2: White-Orange/Orange Pair 3: White-Green/Green Pair 4: White-Brown/Brown
Sheath	Low Smoke Zero Halogen
RAL Colour	Violet - 4001
Overall Diameter	5.5 +/- 0.2 mm
Weight (Kg/Km)	39.1 (PVC/PE)/41.2 (LSZH)
Min. Bending Radius Installation	50 mm
Min. Bending Radius Installed	25 mm
Conforms to	ANSI/TIA-568-C
LSZH Jacket Conforms to	IEC 60332-1, IEC 61034 and IEC 60754
Euroclass Rating	Eca

Diagram



1. Copper Conductor
2. HDPE Insulation
3. Cross Filter

4. Sheath
5. Rip Cord

Ordering Information

Description	Part Number
Cat 6 Solid UTP LSZH Cable	001-003-005-60S