

Copper Cabling Solutions

Category 5e Solid UTP LSZH Eca Cable

Connectix Cat 5e 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	>5000mΩ*km
Capacitance Unbalance (pair to ground)	< 5.6nF/100 m
Velocity Ratio	69%
Operating Temperature Range	-20 °C to +70 °C
Installation Temperature Range	0 °C to +50 °C
Characteristic Impedance @1-250 MHz	100 MHz +/- 15 Ω

Product Specifications	
	Cat 5e UTP
Inner Conductor	24 AWG plain copper
Insulation	High density polyethylene
Construction	4 twisted pairs cabled together
Colour Code	Pair 1: White/Blue-Blue/White Pair 2: White/Orange-Orange/White Pair 3: White/Green-Green/White Pair 4: White/Brown-Brown/White
Sheath	Low Smoke Zero Halogen
RAL Colour	Violet - 4001
Overall Diameter	5.0 +/- 0.2 mm
Weight (Kg/Km)	31
Min. Bending Radius Installation Min. Bending Radius Installed	20 mm
Conforms to	ANSI TIA/EIA-568-C, Cenelec EN50173 and ISO 11801
LSZH Jacket Conforms to	IEC 60332-1, IEC 61034 and IEC 60754
Euroclass Rating	Eca



Diagram

1. Outer Sheath LSZH
2. High Density Polyethylene Insillation

3. Copper Core
4. HOPE Insulation
5. Rip Cord

Ordering Information	
Description	Part Number
Cat 5e Solid UTP LSZH Cable	001-003-003-63