

Copper Cabling Solutions

Category 6 Solid UTP External Cable



Connectix Cat 6 UTP Cable is designed for high speed LANs including Gigabit Ethernet applications. When used with Category 6 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 black PE outer sheath.

Features & Benefits

- Suitable for Gigabit Ethernet applications
- PE outer sheath
- Supplied metre marked in easy pull boxes for easy installation
- Pure copper cores
- Excellent performance exceeding ANSI/TIA Category 6 specifications



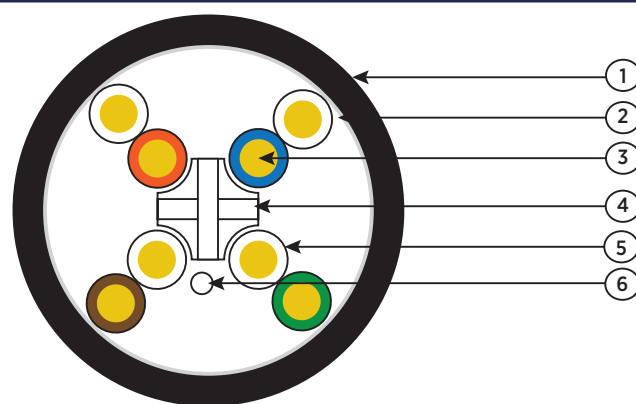
Electrical Specifications

DC Resistance Unbalance	Max 2.5			
Insulation Resistance	>5000m Ω *km			
Characteristic Impedance @1-250 MHz	100 Ohm +/- 15 Ohm			
Velocity Ratio	69%			
Operating Temperature Range	-20 °C to +60 °C			
Installation Temperature Range	0 °C to +50 °C			
Transfer Impedance (m Ω /m)	1 MHz	10 MHz	30 MHz	100MHz

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/White Pair 2: White/Orange-Orange/White Pair 3: White/Green-Green/White Pair 4: White/Brown-Brown/White
Sheath	PE external (Black)
RAL Colour	Black - 9004
Overall Diameter	6.2mm +/- 0.3 mm
Min. Bending Radius	25 mm
Impedance	100 Ohm +/- 15 Ohm
Conforms to	ANSI/TIA-568-C, ISO11801, CENELEC EN 50773
Length Available (metres)	305m

Diagram



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|---|--------------------|
| 1. Outer Sheath PE | 4. Cross Member |
| 2. High Density Polyethylene Insulation | 5. HOPE Insulation |
| 3. Copper Core | 6. Rip Cord |

Ordering Information

Description	Part Number
Cat 6 Solid UTP External Cable	001-003-005-10X