

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

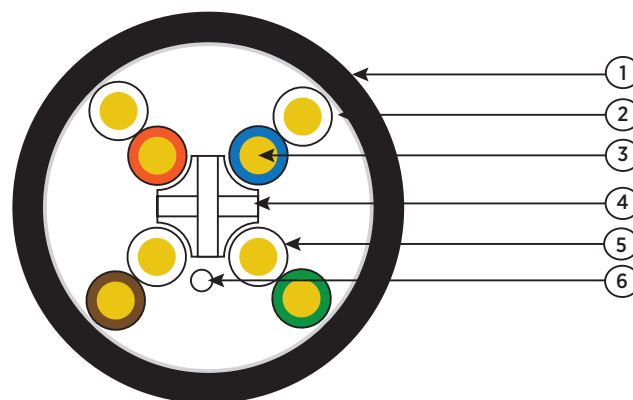
- Suitable for Gigabit Ethernet applications
- PE outer sheath
- Supplied metre marked in easy pull boxes for easy installation
- Pure copper cores
- Excellent performance exceeding ANSI/TIA Category 6 specifications
- Available in 100m or 305m boxes



Electrical Specifications				
DC Resistance Unbalance	Max 2.5			
Insulation Resistance	>5000mΩ*km			
Characteristic Impedance @1-250 MHz	100 Ohm +/- 15Ohm			
Velocity Ratio (NVP)	69%			
Operating Temperature Range	-20°C to +60°C			
Installation Temperature Range	0°C to +50°C			
Transfer Impedance (mΩ/m)	1MHz	10MHz	30MHz	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 +/- 0.3mm
Min. Bending Radius	25mm
Impedance	1000hm +/- 15Ohm
Conforms To	ANSI/TIA-568-C, ISO11801, CENELEC EN 50173
Length Available	100m & 305m

Diagram



- | | |
|---|---------------------------|
| 01 Outer Sheath PE | 04 Cross Member |
| 02 High Density Polyethylene Insillation | 05 HDPE Insulation |
| 03 Copper Core | 06 Rip Cord |

Ordering Information

Description	Part Number
Cat 6 Solid UTP External Cable 100m Box	001-003-004-90
Cat 6 Solid UTP External Cable 305m Box	001-003-005-10