

Category 6 U/UTP B2ca Solid Cable

Category 6 Unshielded Twisted Pair Cable is designed for use in next generation data communications networks, and will comfortably support present applications including 2.5-5Gbp Ethernet applications. The B2ca LSZH sheath offers excellent fire performance

making this the ideal choice in public buildings and other high risk locations.

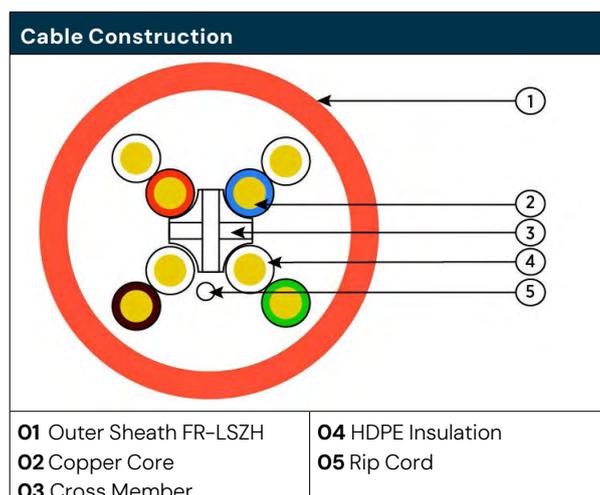
Connectix Category 6 UTP Solid Cable offers the performance characteristics required by the ever present Category 6 Standard.

Features & Benefits

- Suitable for 2.5-5Gbp Ethernet applications
- Supplied metre marked for easy installation
- Excellent performance exceeding ANSI/TIA Enhanced Category 6 specifications
- 305m supplied in easy pull boxes
- In line with BS6701:2016+A1:2017 specifications
- 25 Year System Warranty Available



Electrical Specifications	
DC Resistance Unbalance	Max 2.5%
Insulation Resistance	>5000MΩkm
Capacitance Unbalance (pair to ground)	330 (pF/100m)
Characteristic Impedance @1-250 MHz	100 +/- 15 Ω
Velocity Ratio (NVP)	69%
Operating Temperature Range	-20°C to +70°C
Installation Temperature Range	0°C to +50°C
Dielectric Strength	2500V DC 2s



Product Specifications	
Conforms to	IEEE 802.3: 100Base-T, 1000 Base-T 2.5GBASE-T, 5GBASE-T standards; ANSI/TIA 568; ISO/IEC 11801; RoHS2002/95/ANSI Cenelec EN50173
Fire Rating	B2ca s1a,d0,a1
Inner Conductor	0.53mm (+/-0.01mm) plain copper
Insulation	High density polyethylene
Construction	4 twisted pairs cabled together with spine
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	FR-LSZH
RAL Colour	Orange - 2004
Overall Diameter	6.1mm (+/-0.3mm)
Min. Bending Radius	24.5mm

Ordering Information	
Product Description	Part Number
Connectix Cat 6 U/UTP B2ca Orange LSZH Cable – 305m Box	001-003-005-68