

Copper Cabling Solutions

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 Gigabit Ethernet. 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. Exceeds the requirements of BS6701:2016+A1:2017 for installation cables.

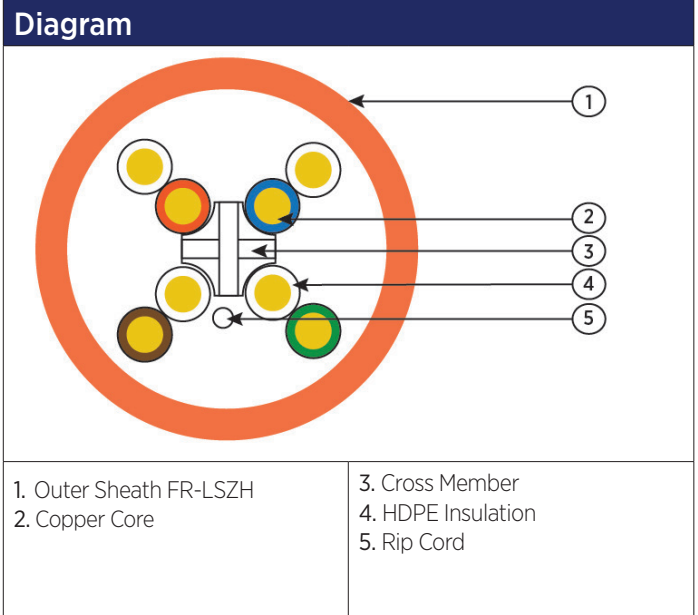
Features & Benefits

- Suitable for Gigabit Ethernet applications
- Supplied metre marked for easy installation
- Excellent performance exceeding ANSI/TIA Enhanced Category 6 specifications
- 305m supplied in an 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 | >5000M Ω km |
| Capacitance Unbalance (pair to ground) | 330 (pF/100m) |
| Characteristic Impedance @1-250 MHz | 100 +/- 15 Ω |
| Velocity Ratio | 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: 10Base-T, 100Base-T, 1000 Base-T standards; ANSI/TIA 568C; ISO/IEC 11801; RoHS2002/95/ANSI Cenelec EN50174 |
| 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 | 24.5 mm |



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