✕ CCS

Copper Cabling Solutions
Category 6A U/FTP B2ca Solid Cable

Connectix Category 6A U/FTP Cable has been designed to provide the exceptional performance required to support extremely high speed applications, including 10-Gigabit Ethernet. The B2ca LSZH sheath offers excellent fire performance making this the ideal choice in public buildings and other high risk locations. The individually shielded pairs ensure maximum transmission, free from the problems of NEXT and alien crosstalk. Exceeds the requirements of BS6701:2016+A1:2017 for installation cables.
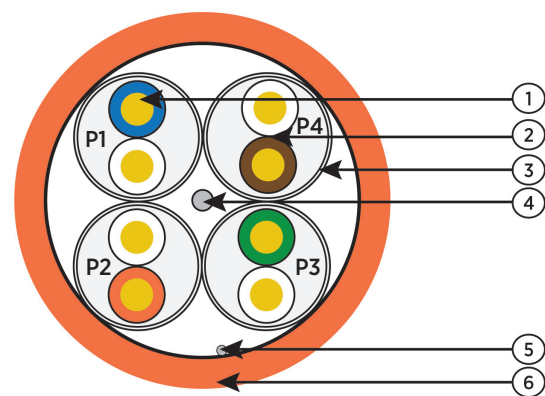
Features & Benefits

- Suitable for Gigabit Ethernet applications
- Supplied metre marked for easy installation
- Pure copper cores
- Excellent performance exceeding ANSI/TIA Category 6A specifications
- Supplied in 305m box
- In line with BS6701:2016+A1:2017 specifications
- 25 Year System Warranty Available

Electrical Specifications

DC Resistance	< 9.4 Ω /100 m
DC Resistance Unbalance	Max 2.5%
Capacitance Unbalance (pair to ground)	< 330 pF/100 m
Nominal Velocity of Propagation	Approx. 74%
Operation Temperature Range	20°C up to +60 °C
Installation Temperature Range	0°C up to +50 °C
Transfer Impedance (mΩ/m)	Max10 mohms/m@100MHz

Product Specifications

Conforms to	IEEE 802.3: 10Base-T, 100Base-T, 1000Base-T, 10GBase-T standards; ANSI/TIA 568C; ISO/IEC 11801; RoHS2002/95/EC, Cenelec EN50173
Fire Rating	B2ca,s1a,d0,a1
Conductor	Bare copper wire (AWG 23)
Insulation	Skin-foam-skin Polyethylene, Ø 1.33 mm
Drain Wire	Yes
Shield Around Each Pair	Al/Mylar
Sheath	FR-LSZH
RAL Colour	Orange - 2004
Min. Bending Radius	30 mm
Outer Diameter	7.6 mm

Diagram

1. Conductor
2. Insulation (Skin-Foam-Skin)
3. AL - MYLAR Foil
4. Drain Wire
5. Rip Cord

6. Sheath
P1: White/Blue
P2: White/Orange
P3: White/Green
P4: White/Brown

Ordering Information

Description	Part Number
Connectix Cat 6A U/FTP B2ca LSZH Cable 305m Box	001-003-003-08

Connectix Cabling Systems