

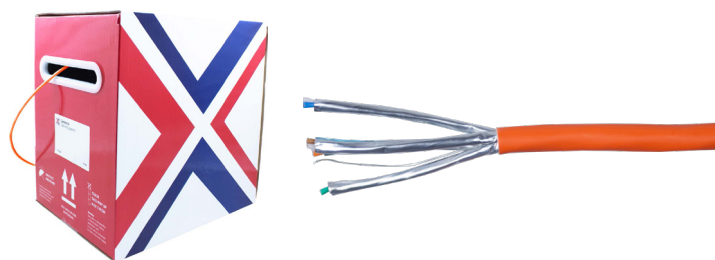
Copper Cabling Solutions

Cat 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 LS0H 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

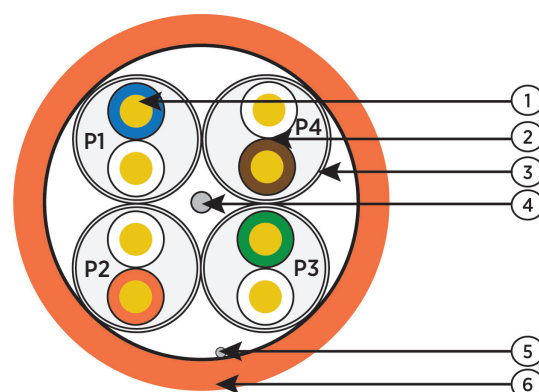
- Suitable for Gigabit Ethernet applications
- Supplied metre marked for easy installation
- Pure copper cores
- Excellent performance exceeding ANSI/TIA Enhanced Category 6A specifications
- Supplied in 305m reels
- In line with BS6701:2016+A1:2017 specifications
- 25 Year System Warranty Available



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%
Transfer Impedance (m Ω /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 EN 50773
Fire Rating	B2ca,sl,d1,a1
Conductor	Bare copper wire (AWG 23)
Insulation	Skin-foam-skin Polyethylene, \varnothing 1.33 mm
Drain Wire	Yes
Shield Around Each Pair	Al/Mylar
Sheath	FR-LS0H
RAL Colour	Orange - 2004
Min. Bending Radius	30 mm
Operation Temperature Range	-20°C up to +60 °C
Installation Temperature Range	0°C up to +50 °C
Outer Diameter	7.6 mm

Diagram



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|--------------------------------|------------------|
| 1. Conductor | 6. Sheath |
| 2. Insulation (Skin-Foam-Skin) | P1: White/Blue |
| 3. AL - MYLAR Foil | P2: White/Orange |
| 4. Drain Wire | P3: White/Green |
| 5. Rip Cord | P4: White/Brown |

Ordering Information

Description	Part Number
Connectix Cat 6A U/FTP Cca LS0H Cable 305m Box	001-003-003-08