

# Connectix Cabling Systems™

## 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 LSOH 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.



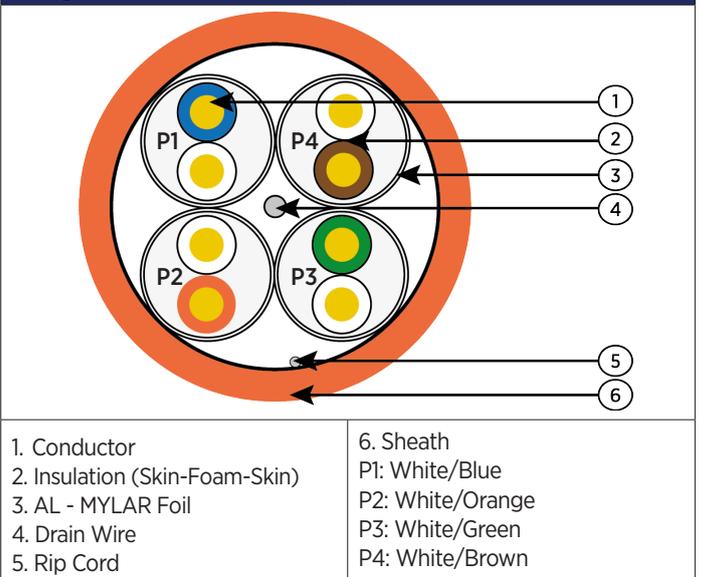
### Features & Benefits

- 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 500m 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 (mΩ/m)	Max10 mohms/m@100MHz

### Diagram



### Product Information

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, Ø 1.33 mm
Drain Wire	Yes
Shield Around Each Pair	Al/Mylar
Sheath	FR-LSOH
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
Part Number	001-003-003-23