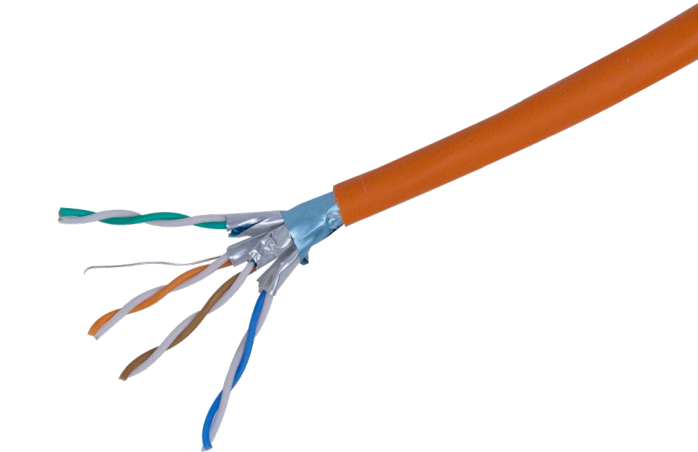CCS

Connectix Cabling Systems™
Cat 6a F/FTP B2ca Solid Cable

Connectix Category 6A F/FTP Cable has been designed to provide the exceptional performance required to support extremely high speed applications, including 10-Gigabit Ethernet.

The cable consists of 4 screened pairs, drain wire and additional outer foil. It helps to alleviate the problems of NEXT and alien crosstalk. The sheath is a Low Smoke Zero Halogen (LSZH) material, as specified in many public buildings. This cable has a Euroclass rating of B2ca, so ideal where BS6701 compliance is required. Delivered on 500m drums.

Cable Specification

Conforms to	IANSI/TIA 568C.2, ISO/IEC 11801
Fire Rating	B2ca, s1,d2,a1
Conductor	Solid - Bare copper wire (AWG 23)
Insulation Material	Skin-foam-skin PE Ø 1.45 mm
Insulation Diameter	1.330 +/- 0.05mm
Drain Wire	Tinned copper
Screening Material	Alu / Mylar
Sheath - Thickness	0.65+/-0.1mm
Sheath - External OD	7.6 +/- 0.5mm
Sheath - Surface	Clean
Sheath - Colour	Orange - RAL 2004
Sheath - Material	LSZH(Complies RoHs)
Core Colour	1. White/Blue, 2. White/Orange, 3. White/Green, 4. White/Brown
Surface Printing - Colour	Black
Surface Printing - Letter Height	3.0 +/-0.3mm
Supplied in	500m Drum

Electrical Specifications

DC Resistance		$< 9.38 \, \Omega$ /100 m
DC Resistance Unbalance max		5%
Capacitance Unbalance (pair to ground)		< 330 pF/100 m
Impedance (Ω)	1.0-250.0 MHz	250.0-500.0 MHz
	100+/-15	100+/-22

Ordering Information

Product Description	Part Number
Cat 6a F/FTP B2ca Solid Cable 500m Drum	001-003-003-95

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