

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 four individually screened pairs, drain wire and additional outer foil to provide excellent NEXT and alien crosstalk performance. The sheath is a low smoke zero halogen (LSZH) material with a CPR rating of B2ca-s1a-d1-a1 and fully meets the requirements of BS6701:2016:A1+2017. Provided in 305m reelex, meter marked boxes..

Cable Specification	
Conforms to	ISO/IEC 11801;EN 50173-1, ANSI/TIA 568-C Category 6A, IEEE802.3an 10-Gigabit Ethernet
Reaction to Fire	B2ca-s1a,d1,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	305m Box



Electrical Specifications		
DC Resistance	< 9.38 Ω /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 305m Box	001-003-003-95