

# 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.

Cable Specifications		
Reaction to Fire	B2ca-s1a,d1,a1	
Conductor	Solid – Bare Copper Wire (AWG 23)	
Insulation Material (mm)	Skin-foam-skin PE Ø 1.45	
Insulation Diameter (mm)	1.330 +/- 0.05	
Drain Wire	Tinned Copper	
Screening Material	Al/Mylar	
Sheath - Thickness (mm)	0.65+/-0.1	
Sheath - External OD (mm)	7.6 +/- 0.5	
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 (mm)	3.0 +/-0.3	
Supplied in	305m Box	
Conforms To	ISO/IEC 11801;EN 50173-1, ANSI/TIA 568 Category 6a, IEEE802.3an 10-Gigabit Ethernet	
Electrical Specifications		
DC Resistance	< 9.38 Ω /100m	
DC Resistance Unbalance Max	5%	
Capacitance Unbalance (pair to ground)	<330 pF/100m	
Impedance (Ω)	1.0-250.0MHz	250.0-500.0MHz
	100+/-15	100+/-22



Ordering Information	
Description	Part Number
Cat 6a F/FTP B2ca Solid Cable 305m Box	001-003-003-95