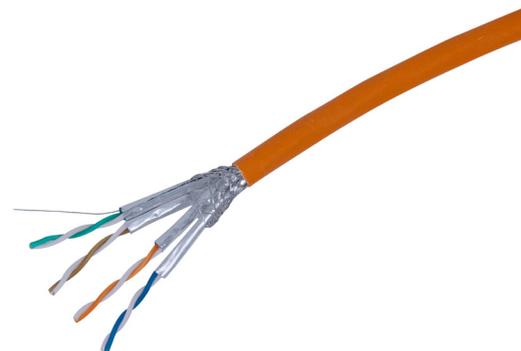# Connectix Cabling Systems™
Cat 7a S/FTP B2ca Solid Cable

Connectix Category 7 S/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 and a drain wire. 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. It has a euroclass rating of Bca, making it the ideal choice when BS6701 compliance is a requirement Delivered on 500m Drums.

Features & Benefits

- Suitable for structured premises cabling.
- For transmission of digital and analogue voice and data signals.
- Especially suitable for all Class FA applications.
- ISDN, Ethernet 10 Base-T, Fast Ethernet 100 Base-T, Gigabit Ethernet 1000 Base-T, 10G Base-T. (IEEE 802.3).
- Token Ring4/16Mbit/s, TP-PMD/TP/DDI 125Mbit/s, ATM 155Mbit/s. (IEEE 802.5).
- Euroclass B2ca

Cable Specification

Conforms to	IANSI/TIA 568C.2, ISO/IEC 11801
Fire Rating	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
Inner Screening Material	Alu / Mylar
Outer Screening Material	Aluminium-Magnesium Alloy 0.12mm
Sheath - Thickness	0.55+/-0.1mm
Sheath - External OD	7.8 +/- 0.5mm
Sheath - Surface	Clean
Sheath - Colour	Orange - RAL 2008
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 Ω /100 m
DC Resistance Unbalance max		2%
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 7A S/FTP B2ca Solid Cable	001-004-008-10