U/FTP Solid Cable

Cable Specification

Conforms to	IEEE 802.3: 10Base-T; 100Base-T: 1000Base-T 10GBase-T standards: ANSI/TIA 568C: ISO/IEC 11801 2nd ed. IEC 61156-5 2nd ed.; EN 50173-1; EN 50288-10 RoHS2002/95/EC
Fire Rating	IEC 60332-1; IEC 60754-1; IEC 60754-2; IEC 61034
Conductor	Bare copper wire (AWG 23)
Insulation	Polyethylene, Ø 1.45 mm
Drain Wire	Tinned copper
Shield Around Each Pair	Alu / polyester tape
Sheath	LSZH Ivory
Bending Radius	≥ 35 mm without load; ≥ 70 mm with load
Temperature Range	Operation -20°C up to +60 °C Installation 0°C up to +50 °C
Outer Diameter	7.0 mm
Max Pulling Tension	78 N

Electrical Specification

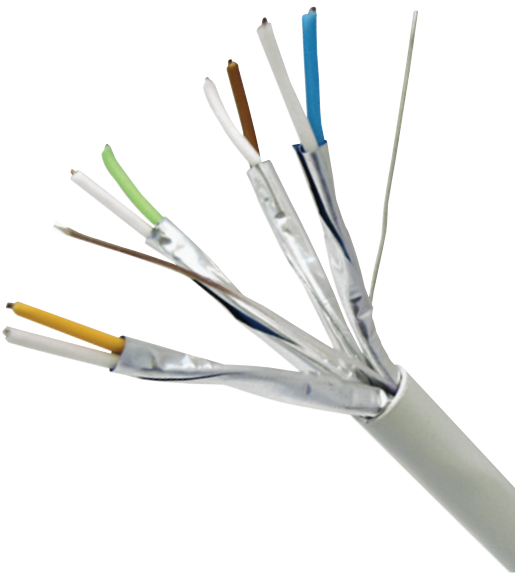
DC Resistance:				< 9 Ω /100m
DC Resistance Unbalance				≤ 2%
Insulation Resistance (500V)				≥ 5000 MΩ km
Capacitance Unbalance (pair to ground)				< 300 pF/100m
Characteristic Impedance @100 MHz				100 ± 5 Ω
Nominal Velocity of Propagation				Approx. 74%
Transfer Impedance (mΩ/m)	1MHz	10MHz	30MHz	100MHz
	≤ 50	≤ 50	≤ 70	≤ 100

Ordering Information

Product Description	Part Number
CCS Cat 6A U/FTP LSZH Solid Cable	001-003-003-06

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 individually shielded pairs ensure maximum transmission, free from the problems of NEXT and alien crosstalk. The sheath is a Low Smoke Zero Halogen (LSZH) material, as specified in many public buildings.



©2016 Connectix E&OE