

# Copper Cabling Solutions

## Category 6 FTP Solid SWA Cable

Connectix Cat 6 SWA FTP cable is designed for use in next generation data communications networks, and will comfortably support all present applications including Gigabit Ethernet. Connectix SWA FTP Solid Cable offers the performance characteristics required by the ever-present Category 6 Standard. When used in conjunction with Connectix category 6 Modules and Patch Panels the user will get a link performance exceeding category 6 requirements.

### Features & Benefits

- Rodent proof and waterproof
- Suitable for direct burial
- Suitable for Gigabit Ethernet
- Performance exceeding Category 6 specifications
- 25 Year System Warranty Available



### Product Specifications

AWG	23
Conductor Diameter	0.57+/- 0.01
Insulation Diameter (mm)	1.04(+/-0.08) x 2C twist
LSZH Jacket Diameter (mm)	7.5+/-0.15
LSZH Jacket Colour	Black
PE Jacket Diameter (mm)	8.5+/-0.2
PE Jacket Colour	Black
SWA Construction	0.8 mm x 31+/-2
PE Outer Jacket Diameter (mm)	11.80
PE Outer Jacket Colour	Black
Max Conductor DC Resistance at 20°C	<97.6
Rated Temperature	60°C
Velocity Ratio	70%
Conforms to	BS EN/IEC 60332-1

### Ordering Information

Description	Part Number
Cat 6 UTP SWA Cable	001-003-005-80

### Performance

Frequency (MHz)	RL min. (dB)	NEXT (dB)	ACR-N (dB)	ACR-F (dB)	PSELFEXT (dB)	Impedance (Ohm)
1.00	19.10	65.00	62.00	62.00	64.20	100+/-15
4.00	21.00	64.10	60.60	61.80	52.10	100+/-15
8.00	21.00	59.40	54.40	57.00	46.10	100+/-15
10.00	21.00	57.80	52.30	55.50	44.20	100+/-15
16.00	20.00	56.40	47.60	52.20	40.10	100+/-15
20.00	19.50	53.10	45.20	50.70	38.20	100+/-15
25.00	19.00	51.50	42.70	49.10	36.20	100+/-15
31.250	18.50	50.00	40.00	47.50	34.30	100+/-15
62.50	16.00	45.10	30.80	42.70	28.30	100+/-15
100.00	14.00	41.80	23.30	39.30	24.20	100+/-20
200.00	11.00	36.90	9.60	34.30	18.20	100+/-20
250.00	10.00	35.60	4.20	32.70	16.20	100+/-20