

# Category 6 F/UTP Solid SWA Cable

Connectix Cat 6 SWA F/UTP cable is designed for use in next generation data communications networks, and will comfortably support all present applications including 2.5Gbp - 5 Gbp Ethernet. Connectix SWA F/UTP 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 2.5Gbp - 5Gbp Ethernet
- Performance exceeding Category 6 specifications
- 25 Year System Warranty Available



Product Specifications	
AWG	Example
Conductor Diameter	Example
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
PE Outer Jacket Diameter	11.80
PE Outer Jacket Colour	Black
Max Conductor DC Resistance at 20°C	<97.6
Rated Temperature	60°C
Velocity Ratio (NVP)	70%
Conforms To	ANSI/TIA-568, ISO 11801 CENELEC BSEN 50173

Ordering Information	
Product Description	Part Number
Cat 6 F/UTP SWA Cable	001-003-005-80

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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	64.10	60.60	61.80	52.10	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
31.25	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	<b>35.60</b>	4.20	32.70	16.20	100+/-20