

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 |
| 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 FTP 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 |