
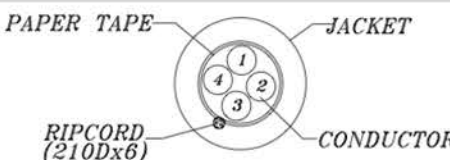


Product Specification



| | | |
|---|---|---|
| <p>16-4FX</p> <p>Spec No: S-025</p> <p>Date: 4/12/2014</p> <p>Approved By: Brian Rizzo</p>  | <p>Cross Section</p>  | <p>Packaging</p> <p> Box 500 Ft. Spool 500 Ft.</p> <p>Colors</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> |
|---|---|---|

Description

16-4FX, Reference Series, 16AWG, 4 Conductor, Stranded, Oxygen Free Copper, UL Direct Burial, Class 3 & FT4 Rated for Audio and Direct Burial Applications.

Description

| | |
|--------------------------------|---|
| Rated Voltage (V) | 300 |
| Rated Temperature (°C) | 75 |
| Product Standard Certification | c(UL) CMG or (UL) CL3 UL Direct Burial |
| Flame test | FT4 |

Application
Telephone and other communication circuits such as voice, data, and audio for on-premise customer systems.

Reference Standard:
UL 444 & UL 13

Performance

Electrical Characteristics (20°C)

| | |
|--|------------------|
| Max Conductor Resistance (Ω/KM) | 15.6 |
| Voltage | 300 Volts RMS |
| Temperature | -20°C to 75°C |
| Min. Insulation Resistance (Ω/KM) | SR-PVC: 50M |
| Dielectric Strength | AC-500V/1 Minute |
| Impedance (near by) | 83 ± 6Ω |
| Capacitance (near by) | 26 ± 1.5 pF/ Ft |

Mechanical Characteristics

| | |
|-----------------------------------|--------|
| Test Object | Jacket |
| Test Material | PVC |
| Before Tensile Strength (kg/mmP2) | ≥1.05 |

Sequential footmarks applied every four feet in conjunction with the print legend.
"XXX/XXX" Stands for Length. eg: 000/1000; 004/0996; 008/0992...

Construction

| | |
|-----------------------------|-----------------------------|
| Conductor Component | Stranded Oxygen Free Copper |
| AWG | 16 |
| Construction (± 0.008mm) | 65/0.15 OFC |
| Stranded Dia. (±0.05mm) | 1.39 |
| Insulation | SR-PVC |
| Nom. Thickness (mm) | 0.30 |
| Insulation Dia. (±0.05mm) | 2.1 |
| Binding Tape | Paper Tape |
| Coverage (%) | ≥ 125% |
| Ripcord Jacket | 210 Dx6 Nylon Thread |
| Nom. Thickness (mm) | PVC |
| Outer Dia. (±0.10mm) | 0.77 |
| | 6.8 |

Insulation/Conductor Colors

| | |
|------------------|----------|
| Component | 1. Black |
| | 2. Red |
| | 3. White |
| | 4. Green |

Jacket Colors

Brightness White - Pantone White
Brightness Black - Pantone Black
Brightness Blue - Pantone 3005 U

Compliance

| | | | |
|--|--|------------|------------|
| | | CL3 | FT4 |
|--|--|------------|------------|

Jacket Marking (Black)

ICE CABLE SYSTEMS 16-4FX REFERENCE SERIES SPEAKER CABLE DIRECT BURIAL OXYGEN FREE COPPER 16AWG 4C E312434-77 c(UL) CMG FT4 75C OR E301442-77 (UL) CL3 ROOM: ENT KIT NK FAM LR DR POWD OFF POO PAT MBR MBA BR1 BR2 BR3 BR4 BR5 GAR GYM 1 2 3 4 5 6 "ROHS" XXX/XXX FT