
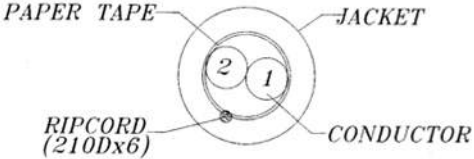



Product Specification



<p>16-2FX</p> <p>Spec No: S-016</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> 
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Description

16-2FX, Reference Series, 16AWG, 2 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

Power-limited circuit cables for use as fixed wiring within buildings (some are also marked for direct burial) principally for Class 3 and Class 2 circuits.

Reference Standard:

UL 13 & the customer's specification.

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
	5.95

Insulation/Conductor Colors

Component	1. Red 2. Black
Jacket Colors	Brightness White - Pantone White Brightness Black - Pantone Black Brightness Coffee - Pantone 732 U

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)	78 ± 4Ω
Capacitance (near by)	23 ± 1 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...

Compliance

		CL3	FT4
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Jacket Marking (Black)

ICE CABLE SYSTEMS 16-2FX REFERENCE SERIES SPEAKER CABLE DIRECT BURIAL OXYGEN FREE COPPER 16AWG 2C E312434-22 c(UL) CMG FT4 75C OR E301442-22 (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