

Product Specification

ICE-16-2FX-WHITE

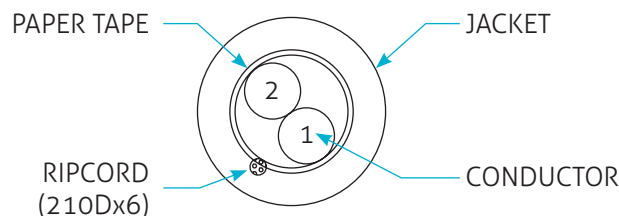


Packaging



Box 500 Ft.

Cross Section



Description

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) CL3 & UL Direct Burial
Flame test	CL3, FT4

Application

Power-limited circuit cables for use a 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.

Performance

Electrical Characteristics (20°C)

Max. Conductor Resistance	5.31 (Ω/KM)
Voltage	300 Volts RMS
Temperature	-20°C to 75°C
Min. Insulation Resistance	SR-PVC: 50M
Dielectric Strength	AC-500V/1 Minute
Impedance (near by)	77 ± 3Ω
Capacitance (near by)	20.0 ± 1 pF/ Ft

Mechanical Characteristics

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



CL3 FT4

Construction

Conductor	Stranded Oxygen Free Copper
Component	2C
AWG	16
Construction (± 0.008mm)	65/0.16 OFC
Stranded Dia. (±0.05mm)	1.48
Cross-Sectional Area (mm ²)	1.31
Insulation	SR-PVC
Nom. Thickness (mm)	0.34
Insulation Dia. (±0.05mm)	2.2
Binding Tape	Paper Tape
Coverage (%)	≥ 125%
Ripcord	210Dx6 Nylon Thread
Jacket	PVC
Nom. Thickness (mm)	0.89
Outder Dia. (±0.10mm)	6.2

Insulation/Conductor Colors

Component	1. Red
	2. Black

Jacket Colors: Brightness White - Pantone White

Marking

Jacket Marking (black)

ICE CABLE SYSTEMS 16-2FX REFERENCE SERIES SPEAKER CABLE DIRECT BURIAL OXYGEN FREE COPPER 16AWG 2C E301442-22 (UL) CL3 ROOM: ENT KIT FAM LR DR OFC POO POWD PAT MBR MBA BR1 BR2 BR3 BR4 GAR GYM 1 2 3 4 5 6 "ROHS" XXX/XXX FT

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