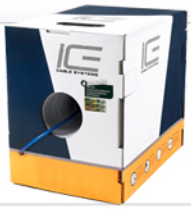
Product Specification

14-4FX

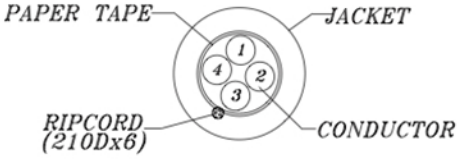


Spec No: S-026

Date: 4/12/2014

Approved By: Brian Rizzo

Cross Section



Packaging

Box 500 Ft. Spool 500 Ft.

Colors

Description

14-4FX, Reference Series, 14AWG, 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

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

Performance

Electrical Characteristics (20°C)

Max Conductor Resistance (Ω/KM)	8.45
Voltage	300 Volts RMS
Temperature	-20°C to 75°C
Min. Insultation Resistance (Ω/KM)	SR-PVC: 50M
Dielectric Strength	AC-500V/1 Minute
Impedance (near by)	83 ± 3Ω
Capacitance (near by)	26 ± 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...

Construction

Conductor	Stranded Oxygen Free Copper
Component	4C
AWG	14
Construction (± 0.008mm)	105/0.16 OFC
Stranded Dia. (±0.05mm)	1.89
Insulation	SR-PVC
Nom. Thickness (mm)	0.40
Insulation Dia. (±0.05mm)	2.7
Binding Tape	Paper Tape
Coverage (%)	≥ 125%
Ripcord	210 Dx6 Nylon Thread
Jacket	PVC
Nom. Thickness (mm)	0.88
Outder Dia. (±0.10mm)	8.4

Insulation/Conductor Colors

Component	1. Black 2. Red 3. White 4. Green
Jacket Colors	Brightness White - Pantone White Brightness Black - Pantone Black

Compliance

UL RoHS CL3 FT4

Jacket Marking (Black)

ICE CABLE SYSTEMS 14-4FX REFERENCE SERIES SPEAKER CABLE DIRECT BURIAL OXYGEN FREE COPPER 14AWG 4C 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