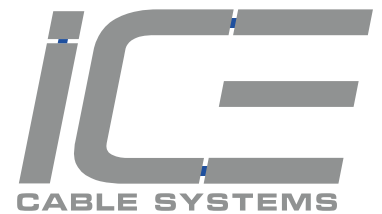


# Product Specification

## ICE-12-2FX-WHITE

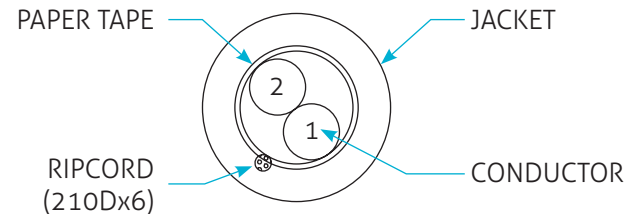


### Packaging



Box 500 Ft.

### Cross Section



### Description

12AWG, 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.

### 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)

### Construction

Conductor	Stranded Oxygen Free Copper
Component	2C
AWG	12
Construction (± 0.008mm)	65/0.254 OFC
Stranded Dia. (±0.05mm)	2.36
Insulation	SR-PVC
Nom. Thickness (mm)	0.40
Insulation Dia. (±0.05mm)	3.2
Binding Tape	Paper Tape
Coverage (%)	≥ 125%
Ripcord	210 Dx6 Nylon Thread
Jacket	PVC
Nom. Thickness (mm)	0.85
Outer Dia. (±0.10mm)	7.80

#### Insulation/Conductor Colors

Component	1. Red
	2. Black

Jacket Colors: Brightness White - Pantone White

### Marking

#### Jacket Marking (black)

ICE CABLE SYSTEMS 12-2FX REFERENCE SERIES SPEAKER CABLE DIRECT BURIAL OXYGEN FREE COPPER 12AWG 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

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



CL3 FT4