
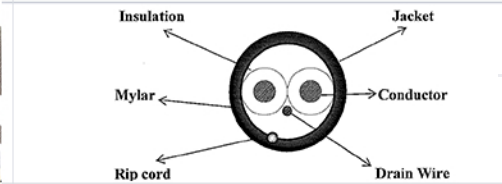



Product Specification



16-2OS/Gray		Cross Section	Packaging
Spec No: 4169			Box 1,000 Ft.
Date: 2/25/2021			Colors
Approved By: Brian Rizzo			

Description

16-2OS, Reference Series, 16AWG, Overall Shield, 2 Conductor, Bare Copper, UL Class 3 & FT4 Rated for Audio Applications.

Description	
Rated Voltage (V)	300
Rated Temperature (°C)	75
Product Standard Certification	c(UL) CMG or (UL) CL3 UL FT4
Flame test	
Application	
Power-limited circuit cables for use as fixed wiring within buildings principally for Class 3 and Class 2 circuits.	
Reference Standard:	
UL 13 & CL3	

Performance



Electrical Characteristics (20°C)	
Max Conductor Resistance (Ω/KM)	13.7
Voltage	300 Volts RMS
Temperature	-20°C to 75°C
Min. Insulation Resistance (Ω/KM)	50 Mega Ohm.Km at 20c
Dielectric Strength\	AC-500V/1 Minute
Capacitance	85 Pf/Feet (Max.)
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 Bare Copper
AWG	2C
Construction (± 0.008mm)	16
Stranded Dia. (±0.05mm)	19/0.293
Insulation	1.46
Nom. Thickness (mm)	SR-PVC
Insulation Dia. (±0.05mm)	0.20
Shielding	1.9
Nom. Thickness (mm)	Mylar
Drain Wire (± 0.008mm)	.025mm
	7/0.198
Ripcord	
Jacket	1000D Nylon Thread
Nom. Thickness (mm)	PVC
Outer Dia. (±0.10mm)	0.43
	4.76
Insulation/Conductor Colors	
Component	
	1. Red
	2. Black
Jacket Color	Gray

Compliance

		CL3	FT4
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Jacket Marking (Black)

ICE CABLE SYSTEMS 16-2OS REFERENCE CONTROL CABLE 16AWG 2C E301442-88 c(UL) CL3 75C 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 2.0" XXX/XXX FT