
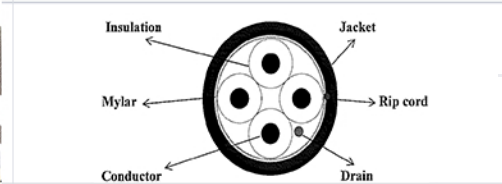



# Product Specification



16-4OS/Gray		Cross Section	Packaging
Spec No: 4169			Box 1,000 Ft.
Date: 2/25/2021			Colors
Approved By: Brian Rizzo			

### Description

16-4OS, Reference Series, 16AWG, Overall Shield, 4 Conductor, Bare Copper, UL Class 3 & FT4 Rated for Audio Applications.

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

### Construction



<b>Conductor Component</b>	Stranded Bare Copper
AWG	4C
Construction (± 0.008mm)	16
Stranded Dia. (±0.05mm)	19/0.293
<b>Insulation</b>	1.46
Nom. Thickness (mm)	SR-PVC
Insulation Dia. (±0.05mm)	0.20
<b>Shielding</b>	1.9
Nom. Thickness (mm)	Mylar
Drain Wire (± 0.003mm)	.025mm
<b>Ripcord Jacket</b>	7/0.198
Nom. Thickness (mm)	1000D Nylon Thread
<b>Outer Dia. (±0.10mm)</b>	PVC
	0.43
	5.55
<b>Insulation/Conductor Colors</b>	
<b>Component</b>	1. Red
	2. Black
	3. White
	4. Green
<b>Jacket Color</b>	Gray

### Performance

<b>Electrical Characteristics (20°C)</b>	
<b>Max Conductor Resistance (Ω/KM)</b>	13.7
<b>Voltage</b>	300 Volts RMS
<b>Temperature</b>	-20°C to 75°C
<b>Min. Insulation Resistance (Ω/KM)</b>	50 Mega Ohm.Km at 20c
<b>Dielectric Strength</b>	AC-500V/1 Minute
<b>Capacitance</b>	85 Pf/Feet (Max.)
<b>Mechanical Characteristics</b>	
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

		<b>CL3</b>	<b>FT4</b>
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## Jacket Marking (Black)

ICE CABLE SYSTEMS 16-4/OS REFERENCE SERIES CONTROL CABLE 16AWG 4C 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