
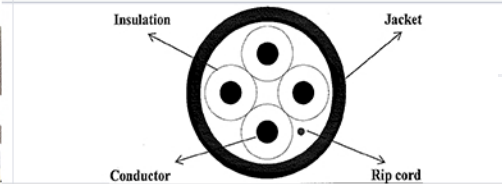



Product Specification



18-4/Plenum		Cross Section	Packaging
Spec No: 4171			 Box 1,000 Ft.
Date: 2/25/2021			Colors <input type="checkbox"/> <input type="checkbox"/>
Approved By: Brian Rizzo			

Description

18-4, Plenum Speaker, 18AWG, 4 Conductor, Bare Copper, UL CL3P & FT6 Rated for Audio Applications.

Description	
Rated Voltage (V)	300
Rated Temperature (°C)	75
Product Standard Certification	c(UL) CL3P UL FT6
Flame test	UL 910, NFPA 262, CSA FT6
Application	
Power-limited circuit cables for use as fixed wiring within buildings principally for plenum Class 3 and Class 2 circuits.	
Reference Standard:	
UL 444 & CL3P	

Performance



Electrical Characteristics (20°C)	
Max Conductor Resistance (Ω/KM)	21.9
Voltage	300 Volts RMS
Temperature	-20°C to 75°C
Min. Insulation Resistance (Ω/KM)	100 Mega Ohm.Km at 20c
Dielectric Strength	AC-500V/1 Minute
Capacitance	
Mechanical Characteristics	
Test Object	Jacket
Test Material	LSFR-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	4C
Construction (± 0.003mm)	18
Stranded Dia. (±0.05mm)	42/0.157
Insulation	1.18
Nom. Thickness (mm)	LSFR-PVC
Insulation Dia. (±0.05mm)	0.38
Shielding	1.70
Nom. Thickness (mm)	
Drain Wire (± 0.003mm)	
Ripcord	1000D Nylon Thread
Jacket	LSFR-PVC
Nom. Thickness (mm)	.38
Outer Dia. (±0.10mm)	4.86
Insulation/Conductor Colors	
Component	1. Red 2. Black 3. White 4. Green
Jacket Color	White Black

Compliance

		CL3P	FT6
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Jacket Marking (Black)

ICE CABLE SYSTEMS 18-4 PLENUM SPEAKER CABLE 18AWG 4C E301442-88 c(UL) CL3P FT6 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