
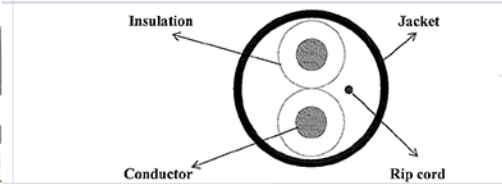



Product Specification



<p>22-2FPLR/Red</p>		<p>Cross Section</p>	<p>Packaging</p>
<p>Spec No: 4176 Date: 2/26/2021 Approved By: Brian Rizzo</p>			<p>Box 500 Ft. Colors </p>

Description

22-2, 22AWG, 2 Conductor, FPLR, Bare Copper, UL CL3 & FT4 Rated for Audio and Fire Alarm Applications.

Description	
Rated Voltage (V)	300
Rated Temperature (°C)	75
Product Standard Certification	c(UL) CL3 UL FT4, FPLR
Flame test	UL 444, NFPA 262, CSA FT4
Application	
Power-limited circuit cables for use as fixed wiring within buildings principally for Class 3 and Class 2 circuits.	
Reference Standard:	
UL 444 & CL3	

Performance



Electrical Characteristics (20°C)	
Max Conductor Resistance (Ω/KM)	54.1
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	PVC
Before Tensile Strength (kg/mmP2)	≥1.76

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	Solid Bare Copper
AWG	22
Construction (± 0.003mm)	1/0.643
Stranded Dia. (±0.05mm)	1/0.643
Insulation	PVC
Nom. Thickness (mm)	0.20
Insulation Dia. (±0.05mm)	1.15
Shielding	
Nom. Thickness (mm)	
Drain Wire (± 0.003mm)	
Ripcord	1000D Nylon Thread
Jacket	PVC
Nom. Thickness (mm)	.40
Outer Dia. (±0.10mm)	3.60
Insulation/Conductor Colors	
Component	1. Red 2. Black
Jacket Color	Red

Compliance

		CL3	FT4
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Jacket Marking (Black)

ICE CABLE SYSTEMS 22-2 SOLID FIRE ALARM CABLE 22AWG 2C E493625-88 c(UL) CL3 FT4 FPLR FAS 75C LOCATION: 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