
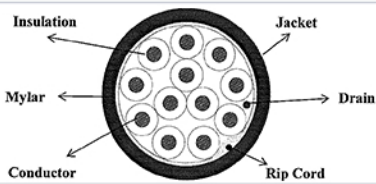



Product Specification



22-12OS/Blue		Cross Section	Packaging
Spec No: 4179			Box 1,000 Ft.
Date: 2/26/2021			Colors
Approved By: Brian Rizzo			

Description

22AWG, 12 Conductor, Overall Shield, Bare Copper, UL CL3 & FT4 Rated for Audio and Control Applications.

Description	
Rated Voltage (V)	300
Rated Temperature (°C)	75
Product Standard Certification	c(UL) CL3 UL FT4
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)	55.40
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)	≥1.41

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	22
Construction (± 0.003mm)	7/0.246
Stranded Dia. (±0.05mm)	0.246
Insulation	PVC
Nom. Thickness (mm)	0.20
Insulation Dia. (±0.05mm)	1.15
Shielding	
Nom. Thickness (mm)	0.025
Drain Wire (± 0.03mm)	7/0.195
Ripcord	1000D Nylon Thread
Jacket	PVC
Nom. Thickness (mm)	.40
Outer Dia. (±0.10mm)	5.65
Insulation/Conductor Colors Component	<ul style="list-style-type: none"> 1. Black 2. Red 3. White 4. Brown 5. Blue 6 Orange 7. Yellow 8 Purple 9. Gray 10. Pink 11. Tan 12. Green Blue
Jacket Color	Blue

Compliance

		CL3	FT4
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Jacket Marking (Black)

ICE CABLE SYSTEMS 22-12/OS REFERENCE SERIES CONTROL CABLE 22AWG 12C E301442-88 c(UL) CL3 FT4 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