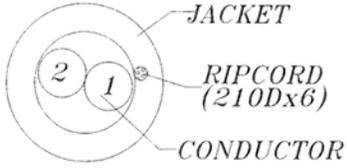


Product Specification



<p>18-2CS</p>	<p>Cross Section</p>	<p>Packaging</p>
<p>Spec No: S-022 Date: 4/12/2014 Approved By: Brian Rizzo</p> 		<p>Box 1000Ft. Colors <input type="checkbox"/></p>

Description

18-2CS, Celsius Series, 18AWG, 2 Conductor, Stranded, Bare Copper, 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
Flame test	FT4

Application
Power-limited circuit cables for use as fixed wiring within buildings (some are also marked for direct burial) principally for Class 3 and Class 2 circuits.

Reference Standard:
UL 13 & the customer's specification.

Performance

Electrical Characteristics (20°C)	
Max Conductor Resistance (Ω/KM)	24.99
Voltage	300 Volts RMS
Temperature	-20°C to 75°C
Min. Insulation Resistance (Ω/KM)	SR-PVC: 50M
Dielectric Strength	AC-500V/1 Minute
Impedance (near by)	82 ± 3Ω
Capacitance (near by)	20.7 ± 1 pF/ Ft

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)	18
Stranded Dia. (±0.05mm)	41/0.15
Insulation	1.10
Nom. Thickness (mm)	SR-PVC
Insulation Dia. (±0.05mm)	0.23
	1.6
Ripcord Jacket	210 Dx6 Nylon Thread
Nom. Thickness (mm)	PVC
Outer Dia. (±0.10mm)	0.37
	3.95

Insulation/Conductor Colors	
Component	1. Red 2. Black
Jacket Colors	Pantone White

Compliance

		CL3	FT4
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Jacket Marking (Black)

ICE CABLE SYSTEMS 18-2CS CELSIUS SERIES SPEAKER CABLE 18AWG 2C E312434-22 c(UL) CMG FT4 75C OR E301442-22 (UL) CL3 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" XXX/XXX FT