

Product Specification



18-2CS	Cross Section	Packaging
Spec No: S-022 Date: 4/12/2014 Approved By: Brian Rizzo		Box 1000Ft. Colors

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	210 Dx6 Nylon Thread
Jacket	PVC
Nom. Thickness (mm)	0.37
Outer Dia. (±0.10mm)	3.95
Insulation/Conductor Colors	
Component	1. Red
	2. Black
Jacket Colors	Pantone White

Compliance			
		CL3	FT4

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
