

Product: [1813A](#) 



Audio Cable, 2 Conductor 24 AWG, BC

Product Description

Audio Cable, CM-Rated, 1-24 AWG stranded high-conductivity bare copper pair with PVC insulation, +90% bare copper spiral shield, PVC jacket

Technical Specifications

Physical Characteristics (Overall)

Conductor				
AWG	Stranding	Material	Nominal Diameter	No. of Pairs
24	27x38	BC - Bare Copper (High Conductivity)	0.0246 in	1
Conductor Count:			2	
Total Number of Pairs:			1	

Insulation		
Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.059 in	0.017 in

Color Chart	
Number	Color
1	Blue & Red

Outer Shield		
Type	Material	Coverage [%]
Spiral Serve / Screen	Bare Copper (BC)	90%

Outer Jacket		
Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.236 in	0.055 in

Electrical Characteristics

Conductor DCR		
Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance
22.8 Ohm/1000ft	22.8 Ohm/1000ft	
		Nominal Outer Shield DCR
		11.6 Ohm/1000ft

Capacitance	
Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
33 pF/ft	61 pF/ft

Inductance	
Nominal Inductance	
0.219 µH/ft	

Voltage	
Non-UL Voltage Rating	
100 V RMS	

Temperature Range

Operating Temp Range:	-30°C To +60°C
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Mechanical Characteristics

Bulk Cable Weight:	30 lbs/1000ft
Max. Pull Tension:	10 lbs
Min. Bend Radius/Minor Axis:	2.5 in

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MIL Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Put-Up Type	Length	UPC
1813A B59328	Black, Matte	Reel	328 ft	612825123408
1813A B591000	Black, Matte	Reel	1,000 ft	612825123392

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.348 Revision Date: 08-27-2021
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