


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 Material

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

#### Outer Jacket Material

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	Nominal Outer Shield DCR
22.8 Ohm/1000ft	22.8 Ohm/1000ft		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 $\mu$ H/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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII 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	Putup 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: 0.272 Revision Date: 06-24-2020
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