



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

Product Overview

Suitable Applications:	Multi-channel interconnect between audio equipment such as microphones, speakers, amplifiers, mixing consoles; Live events or studio sound; Analog audio
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	24 AWG	27x38	BC - Bare Copper (High Conductivity)

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.059 in mm	Blue, Red

Outer Shield

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.055 in (1.4 mm)	0.236 in

Overall Cable Diameter (Nominal):	0.236 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
22.8 Ohm/1000ft	33 pF/ft (110 pF/m)	61 pF/ft (200 pF/m)	3.9 Amps per Conductor at 25°C

Voltage

Voltage Rating
30 V

Mechanical Characteristics

Temperature

Operating
-30°C To +60°C

Bend Radius

Stationary Min.	Installation Min.
7.25 in (184 mm)	7.25 in

Max. Pull Tension:	10 lbs (4.5 kg)
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Bulk Cable Weight:	30 lbs/1000ft
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Standards and Compliance

European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.458 Revision Date: 02-15-2024
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1813A B59328	Black, Matte	Reel	328 ft	612825123408	C
1813A B591000	Black, Matte	Reel	1,000 ft	612825123392	C

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