

Product: [1908A](#)

Audio Snake Cable, #24-8pr, BC, Indiv. Shielded
Product Description

Audio Snake Cable, 8-24 AWG bare copper pairs, polyolefin insulation, individually shielded with double serve "French Braid", drain, numbered/color-coded PVC jackets, flexible PVC jacket

Technical Specifications
Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
24	41x40	BC - Bare Copper	0.023 in	8

Conductor Count: 16

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	0.04 in	0.008 in

Color Chart

Color
Numbered
Red and Black

Inner Shield Material

Type	Material	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
French Braid	Bare Copper (BC)	95%	TC - Tinned Copper	0.025 in	24	19x26

Inner Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.119 in	0.0135 in

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.482 in	0.050 in

Electrical Characteristics

Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance
7.2 Ohm/1000ft	25.5 Ohm/1000ft	25.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
26.1 pF/ft	47.5 pF/ft

Inductance

Nominal Inductance

0.18 μ H/ft

Impedance

Nominal Characteristic Impedance

60 Ohm

Current

Max. Recommended Current [A]

1.05 Amps per Conductor at 25°C

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

Operating Temp Range: -20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	130 lbs/1000ft
Max. Pull Tension:	230 lbs
Min Bend Radius/Minor Axis:	5 in

Standards

CPR Euroclass:	Eca
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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:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
1908A B59250	Black, Matte	Reel	250 ft	612825126454
1908A B59500	Black, Matte	Reel	500 ft	612825126461
1908A B591000	Black, Matte	Reel	1,000 ft	612825126447

Footnote:

C - CRATE REEL PUT-UP.

History

Update and Revision:

Revision Number: 0.269 Revision Date: 08-25-2020

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