

**Product:** [1912A](#) 



Audio Snake Cable, #24-12pr, BC, Individ. Shielded

### Product Description

Audio Snake Cable, 12-24 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	0.0225 in	12

Conductor Count:	24
Total Number of Pairs:	12

##### Insulation

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

##### Color Chart

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray
9	White
10	Black
11	Tan
12	Pink

##### Inner Shield Material

Type	Material	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
French Braid	BC - Bare Copper	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	0.602 in	0.062 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 $\mu$ H/ft

### Impedance

Nominal Characteristic Impedance
60 Ohm

### Delay

Nominal Velocity of Propagation (VP) [%]
66%

### 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
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## Mechanical Characteristics

Bulk Cable Weight:	187 lbs/1000ft
Max. Pull Tension:	350 lbs
Min Bend Radius/Minor Axis:	6 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:	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, LSOH, Toxicity Testing

UL voltage rating:	300 V RMS
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	Putup Type	Length	UPC
1912A B59250	Black, Matte	Reel	250 ft	612825126546
1912A B59500	Black, Matte	Reel	500 ft	612825126553
1912A B591000	Black, Matte	Reel	1,000 ft	612825126539

Footnote: C - CRATE REEL PUT-UP.

### History

Update and Revision: Revision Number: 0.266 Revision Date: 06-08-2020

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