


Product: [1902A](#) 



Audio Snake Cable, #24-2pr, BC, Individ. Shielded

### Product Description

Audio Snake Cable, 2-24 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	2

Conductor Count:	4
Total Number of Pairs:	2

##### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	0.0395 in	0.0085 in

##### Color Chart

Number	Color
1	Brown
2	Red

##### 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	0.33 in	0.0445 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
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26.1 pF/ft	47.5 pF/ft
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#### 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

### Mechanical Characteristics

Bulk Cable Weight: 48 lbs/1000ft

Max. Pull Tension: 58 lbs

Min Bend Radius/Minor Axis: 3.5 in

### Standards

CPR Euroclass: Eca

### 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

### Flammability, LSOH, Toxicity Testing

IEC Flammability: IEC 60332-1-2

UL voltage rating: 300 V RMS

### Plenum/Non-Plenum

Plenum (Y/N): No

### Part Number

#### Variants

Item #	Color	Putup Type	Length	UPC
1902A B59250	Black, Matte	Reel	250 ft	612825126140
1902A B59500	Black, Matte	Reel	500 ft	612825126157
1902A B591000	Black, Matte	Reel	1,000 ft	612825126133

Footnote:	C - CRATE REEL PUT-UP.
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**History**

Update and Revision:	Revision Number: 0.265 Revision Date: 06-08-2020
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