


Product: [1904A](#) 



Audio Snake Cable, #24-4pr, BC, Individ. Shielded

### Product Description

Audio Snake Cable, 4-24 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	4

Conductor Count:	8
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##### 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

##### Inner Shield Material

Type	Material	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Position
French Braid	Bare Copper (BC)	95%	TC - Tinned Copper	0.025 in	24	Under French Braid

##### Inner Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.119 in	0.014 in

##### Outer Shield Material

Material
No Shield

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.372 in	0.043 in

#### Electrical Characteristics

##### Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR
7.2 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 µH/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
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#### Mechanical Characteristics

Bulk Cable Weight:	73 lbs/1000ft
Max. Pull Tension:	120 lbs
Min Bend Radius/Minor Axis:	3.75 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, LSOH, 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
1904A B59250	Black, Matte	Reel	250 ft	612825126393
1904A B59500	Black, Matte	Reel	500 ft	612825126409
1904A B591000	Black, Matte	Reel	1,000 ft	612825126386

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

Update and Revision:

Revision Number: 0.270 Revision Date: 08-25-2020

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