



Product: [1906A](#)



Audio Snake Cable, #24-6pr, BC, Individ. Shielded

## Product Description

Audio Snake Cable, 6-24 AWG bare copper pairs, polyolefin insulation, individually shielded with double serve "French Braid", drain, numbered/color-coded PVC jackets, flexible PVC jacket

## Technical Specifications

### Product Overview

Suitable Applications:	Recording Studio, Radio Broadcast, Sports Stadium, Nurse Call
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
24	41x40	BC - Bare Copper	0.0225 in	6

Conductor Count:	12
Total Number of Pairs:	6

#### Insulation

Material	Nominal Diameter
PP - Polypropylene	0.04 in

#### Color Chart

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue

#### Inner Shield

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

#### Outer Shield

Material
No Shield

#### Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.449 in	0.049 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 Temperature Range:	-20°C To +60°C
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## Mechanical Characteristics

Bulk Cable Weight:	101 lbs/1000ft
Max. Pull Tension:	180 lbs
Min. Bend Radius/Minor Axis:	4.5 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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
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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## Related Part Numbers

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### Variants

Item #	Color	Put-Up Type	Length	UPC
1906A B59250	Black, Matte	Reel	250 ft	612825126423
1906A B59500	Black, Matte	Reel	500 ft	612825126430
1906A B591000	Black, Matte	Reel	1,000 ft	612825126416

### History

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Update and Revision:	Revision Number: 0.434 Revision Date: 02-03-2025
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