


Product: [1509C](#) 



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

### Product Description

Audio Snake Cable, CM-Rated, 2-24 AWG tinned copper pairs, polyolefin insulation, individually shielded with Beldfoil® bonded to numbered/color-coded PVC jackets so both strip simultaneously, overall Beldfoil® shield, drain, flexible PVC jacket

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
24	7x32	TC - Tinned Copper	0.024 in	2

Conductor Count:	4
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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

##### Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	0.024 in	24	7x32

##### Inner Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.113 in	0.015 in

##### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	0.024 in	24	7x32

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.301 in	0.034 in	Yes

#### Electrical Characteristics

##### Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance
15.9 Ohm/1000ft	23.3 Ohm/1000ft	23.3 Ohm/1000ft	

##### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield

31 pF/ft	58 pF/ft
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#### Inductance

##### Nominal Inductance

0.18 µH/ft

#### 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: -35°C To +75°C

### Mechanical Characteristics

Bulk Cable Weight: 42 lbs/1000ft

Max. Pull Tension: 55.4 lbs

Min. Bend Radius/Minor Axis: 3 in

### Standards

NEC/(UL) Compliance: CM

CEC/C(UL) Compliance: CM

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 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: Yes

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
1509C B59500	Black, Matte	Reel	500 ft	612825116745
1509C B591000	Black, Matte	Reel	1,000 ft	612825116738

Footnote: C - CRATE REEL PUT-UP.

### History

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