

**Product:** <u>1509C</u> ☑



Audio Snake Cable, #24-2pr, TC, Indiv. 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 simulteaneously, overall Beldfoil® shield, drain, flexible PVC jacket

### **Technical Specifications**

#### **Product Overview**

Suitable Applications:	Multi-channel interconnect between audio equipment such as microphones, speakers, amplifiers, mixing consoles; Live events or studio sound; Analog audio
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### **Construction Details**

#### Conductor

Size	Stranding	Material
24	7x32	TC - Tinned Copper

#### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.008 in (0.20 mm)	0.04 in (1.0 mm)	Brown, Red

#### Inner Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%

#### **Outer Shield**

Shield Type	Material	Coverage
Таре	Bi-Laminate (Alum+Poly)	100%

### Inner Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.113 in (2.87 mm)

#### **Outer Jacket**

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.034 in (0.86 mm)	0.301 in	Yes

#### **Electrical Characteristics**

#### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Velocity of Prop.	Max. Current
23.3 Ohm/1000ft (76.4 Ohm/km)	31 pF/ft (100 pF/m)	58 pF/ft (190 pF/m)	66%	1.05 Amps per Conductor at 25°C

# Voltage

UL Voltage Rating
300 V RMS

## **Mechanical Characteristics**

# Temperature

<b>UL Temperature</b>	Operating
60°C	-35°C To +75°C

Max. Pull Tension:	55.4 lbs (25.1 kg)
Bulk Cable Weight:	42 lbs/1000ft (63 kg/km)

### **Standards and Compliance**

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor	
Flammability / Reaction to Fire:	JL1581 Vertical Tray^UL1685 FT4 Loading, Limited Smoke, IEC 60332-1-2	
CPR Compliance:	CPR Euroclass: Eca	
NEC / UL Compliance:	CM	
CEC / C(UL) Compliance:	CM	
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)	
UK Regulation Compliance:	UKCA Mark	
APAC Compliance:	China RoHS II (GB/T 26572-2011)	

## History

Update and Revision:	Revision Number: 0.409 Revision Date: 12-22-2023

#### **Part Numbers**

#### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1509C B59500	Black, Matte	Reel	500 ft	612825116745	С
1509C B591000	Black, Matte	Reel	1,000 ft	612825116738	С

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