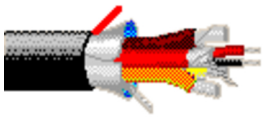
Product: 1509C



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

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
Tape	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 25ºC

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	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:	UL1581 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	C
1509C B591000	Black, Matte	Reel	1,000 ft	612825116738	C

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