



REPRESENTATIVE IMAGE

## Product: [1513C](#)

Audio Snake Cable, #24-12pr Str TC, Ind. Shielded & Jacketed, O/A Foil, PVC Jkt, Ripcord, CM, Flexible

### Product Description

Audio Snake Cable, 12 Pair 24 AWG (7 x 32) Tinned Copper, PP Insulation, Individually Foil Shielded and PVC Jacketed, Overall Beldfoil® Shield, PVC jacket, Ripcord, CM, Flexible

### 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

Element	No. of Elements	Size	Stranding	Material
Pair(s)	12	24 AWG	7x32	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code	Notes
Pair(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.04 in (1.0 mm)	Black & Red	
				Yellow, Green, Blue, Violet, Grey, White, Black, Tan, Pink, Brown, Red, Orange	The Colors represented in this rows are for Inner Jacket colors

##### Inner Shield

Element	Shield Type	Material	Coverage	Drainwire Type	Notes
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC	Individual pair tapes are adhered to their inner jackets for easy stripping

##### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (65x36) TC

##### Inner Jacket

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

Inner Jacket Table Notes: Inner jackets are numbered and are colored: Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White, Black, Tan, Pink

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.045 in (1.1 mm)	0.561 in (14.2 mm)	Yes

Overall Cable Diameter (Nominal): 0.561 in (14.2 mm)

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedance	Nom. Inductance	Nom. Velocity of Prop.	Max. Current
Pair(s)	23.3 Ohm/1000ft	31 pF/ft (100 pF/m)	58 pF/ft (190 pF/m)	50 Ohm	0.18 $\mu$ H/ft (0.59 $\mu$ H/m)	66%	1.05 Amps per conductor @ 25°C

#### Voltage

**UL Voltage Rating**

300 V (CM)

**Mechanical Characteristics****Temperature**

UL Temperature	Operating
75°C	-35°C to +75°C

**Bend Radius**

Stationary Min.	Installation Min.
5.6 in (140 mm)	5.6 in (140 mm)

Max. Pull Tension: 220.4 lbs (99.97 kg)

Bulk Cable Weight: 162 lbs/1000ft

**Standards and Compliance**

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, 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: 0.517 Revision Date: 09-07-2025

**Part Numbers****Variants**

Item #	Color	Putup Type	Length	UPC	Footnote
1513C B59500	Black, Matte	Reel	500 ft	612825116851	C
1513C B591000	Black, Matte	Reel	1,000 ft	612825116844	C
1513C B595000	Black, Matte	Reel	5,000 ft	612825431237	

Footnote: C - CRATE REEL PUT-UP.

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