



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	Number of Element	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)

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

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedance	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	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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.404 Revision Date: 11-09-2022
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Part Numbers

Variants

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

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