



REPRESENTATIVE IMAGE

Product: [1513C](#)

Audio Snake Cable, 12 pr #24 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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Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	Nominal Diameter	No. of Pairs
Pair(s)	24	7x32	TC - Tinned Copper	0.024 in	12

Conductor Count:	24
Total Number of Pairs:	12

Insulation

Element	Material	Nominal Diameter	Nominal Wall Thickness
Pair(s)	PP - Polypropylene	0.04 in	0.008 in

Color Chart

Number	Color
1	Black & Red
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	

Inner Shield Material

Element	Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	24	7x32

Inner Jacket Material

Element	Material	Nominal Diameter	Nominal Wall Thickness
Pair(s)	PVC - Polyvinyl Chloride	0.113 in	0.015 in

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 Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	18	7x26

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.561 in	0.045 in	Yes

Electrical Characteristics

Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR
15.9 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

Inductance

Nominal Inductance
0.18 µH/ft

Impedance

Nominal Characteristic Impedance
50 Ohm

Current

Max. Recommended Current [A]
1.05 Amps per conductor @ 25°C

Voltage

UL Description	UL Voltage Rating
CM	300 V

Temperature Range

Operating Temp Range:	-35°C to +75°C
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Mechanical Characteristics

Bulk Cable Weight:	162 lbs/1000ft
Max. Pull Tension:	220.4 lbs
Min Bend Radius During Installation:	5.6 in
Min Bend Radius/Minor Axis:	5.75 in

Standards

NEC Articles:	Article 800
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 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

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

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.323 Revision Date: 09-30-2020
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