



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
------------------------	--

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
--------------	--

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

Delay

Nominal Velocity of Propagation (VP) [%]
66%

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
-----------------------	----------------

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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
-----------------------	-----

Flammability, LSOH, Toxicity Testing

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

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

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.
-----------	------------------------

History

Update and Revision:	Revision Number: 0.391 Revision Date: 07-12-2021
----------------------	--

© 2021 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.