

**Part Number:** 1516C

Audio Snake Cable, #24-24pr, TC, Indiv. Shielded, CM

## Product Description

Audio Snake Cable, CM-Rated, 24-24 AWG tinned copper pairs, polyolefin insulation, individually shielded with Beldfoil® bonded to numbered/color-coded PVC jackets so both strip simultaneously, overall Beldfoil® shield, drain, flexible PVC jacket

## Product Specifications

### AG.Filter Attributes

Total Number of Conductors:	48
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## Technical Specifications

### APAC Standard

MII Order #39 (China RoHS):	Yes
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### Applicable Patents

Patent:	<a href="http://www.belden.com/p">http://www.belden.com/p</a>
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### Bend Radius

Min Bend Radius/Minor Axis:	8 in
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### CCB-Sub-Part Number

Plenum (Y/N):	No
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### Contact Information

PHONE_NUM:	1-800-Belden1
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### EU Directive

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

## North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CM
NEC/(UL) Specification:	CM

## Use

Max Recommended Pulling Tension:	418.4 lbs
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## Impedance:

### Nominal Characteristic Impedance

50 Ohm

## Inductance:

### Nominal Inductance

0.18  $\mu$ H/ft

## Conductor DCR:

### Individual Pair Nominal Shield DCR

### Nominal Conductor DCR

15.9 Ohm/1000ft

23.3 Ohm/1000ft

## Color Chart 1:

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray
9	White

10	Black
11	Tan
12	Pink
13	Gray/Brown
14	Gray/Red
15	Gray/Orange
16	Gray/Yellow
17	Gray/Green
18	Gray/Blue
19	Gray/Purple
20	Gray/Gray
21	Gray/White
22	Gray/Black
23	Gray/Tan
24	Gray/Pink

**Color Chart 2:**

**Number**

Red and Black

**Delay:**

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

66 %

**Voltage:**

**UL Voltage Rating**

300V RMS V

**Current:**

**Max. Recommended Current [A]**

1.05 Amps per conductor @ 25°C

**Innershield:**

Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D
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Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	24	7x32 mm
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TC - Tinned Copper
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### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
31 pF/ft	58 pF/ft

### Innerjacket:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride		0.111 in
		0.014 in

### Insulation:

Material	Nominal Diameter	Nominal Wall Thickness
PO - Polyolefin		0.04 in
		0.008 in

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride		0.807 in	0.065 in
			Yes

### Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
24	7x32	TC - Tinned Copper	0.024 in	24

### Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape		Beldfoil®	100 %	TC - Tinned Copper	18 7x26 mm

## Product Variants

Part Number	Color	Put-Up Type	Length
1516C	BLACK, MATTE	Reel	1000 ft
1516C	MATTE BLACK	Reel	305 m
1516C B591000	BLACK, MATTE	Reel	1000 ft
1516C	BLACK, MATTE	Reel	500 ft
1516C	MATTE BLACK	Reel	152 m
1516C B59500	BLACK, MATTE	Reel	500 ft
1516C			

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