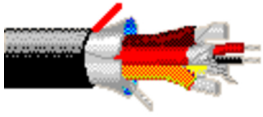


**Part Number: 1511C**

**Audio Snake Cable, #24-6pr, TC, Individ. Shielded, CM**



## Product Description

Audio Snake Cable, CM-Rated, 6-24 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

## Technical Specifications

### Product Overview

Environmental Space:	Indoor (Not Riser or Plenum)
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
24	7x32	TC - Tinned Copper	0.024 in	6

Conductor Count:	12
Total Number of Pairs:	6
Conductor Size:	24 AWG

#### Insulation

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

#### Color Chart

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue

#### Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	0.024 in	24	7x32
						TC - Tinned Copper	

#### Inner Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.113 in	0.015 in

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	0.046 in	18	7x26

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.418 in	0.037 in	Yes
	0.418 in		

## Electrical Characteristics

### Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance
15.9 Ohm/1000ft	23.3 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

Shielding: Individually Shielded + Overall Shield

### Inductance

Nominal Inductance
0.18 $\mu$ H/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 Voltage Rating
300 V RMS

## Temperature Range

Operating Temp Range: -35°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	94 lbs/1000ft
Max Recommended Pulling Tension:	122 lbs
Min Bend Radius/Minor Axis:	4.25 in

## Standards

NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor: Yes

## Flammability, LSOH, Toxicity Testing

UL Voltage Rating: 300V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	Footnote
1511C B591000	BLACK, MATTE	C
1511C B59500	BLACK, MATTE	C

Footnote:	C - CRATE REEL PUT-UP.
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