


**Product:** [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

#### 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

##### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	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	Alum / Poly	Beldfoil®	100 %	TC - Tinned Copper	0.024 in	24	7x32

##### 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	Alum / Poly	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

#### 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

#### 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
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### 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

Environmental Space:	Indoor (Not Riser or Plenum)
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
MII Order #39 (China RoHS):	Yes

### Suitability

Suitability - Indoor:	Yes
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### Flammability, LS0H, Toxicity Testing

UL voltage rating:	300 V RMS
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### Plenum/Non-Plenum

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

## Variants

Item #	Color	Putup Type	Length	UPC
1511C B59500	Black, Matte	Reel	500 ft	612825116813
1511C B591000	Black, Matte	Reel	1,000 ft	612825116806
1511C B595000	Black, Matte	Reel	5,000 ft	612825431275

Footnote: C - CRATE REEL PUT-UP.

## History

Update and Revision: Revision Number: 0.263 Revision Date: 04-28-2020

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#### Как с нами связаться

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