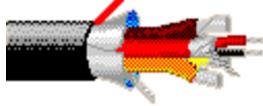


## Product: [1411R](#)

Audio Snake Cable, #24-12pr, TC, Indiv. Shielded, CMR



### Product Description

Audio Snake Cable, 12-24 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, PVC jacket

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
24	7x32	TC - Tinned Copper	0.024 in	12

Conductor Count: 24

Total Number of Pairs: 12

##### 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
7	Purple
8	Gray
9	White
10	Black
11	Tan
12	Pink
1	Red
2	Black

##### Inner Shield

Type	Material	Material Trade Name	Coverage (%)	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	0.024 in	24	7x32

##### Inner Jacket

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

##### Outer Shield

Type	Material	Material Trade Name	Coverage (%)	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	0.046 in	18	7x26

#### Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.555 in	0.045 in	Yes

#### Electrical Characteristics

##### Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Outer Shield DCR
15.9 Ohm/1000ft	23.3 Ohm/1000ft	23.3 Ohm/1000ft	6 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 at 25°C

##### Voltage

UL Voltage Rating
300 V RMS

#### Temperature Range

Operating Temperature Range:	-30°C To +75°C
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#### Mechanical Characteristics

Bulk Cable Weight:	165 lbs/1000ft
Max. Pull Tension:	220 lbs
Min. Bend Radius/Minor Axis:	5.5 in

#### Standards

NEC(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG

#### Applicable Environmental and Other Programs

Environmental Space:	Indoor - Riser
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

#### Suitability

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

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	UPC
1411R 010500	Black	Reel	500 ft	612825114864
1411R 0101000	Black	Reel	1,000 ft	612825114857

Footnote: C - CRATE REEL PUT-UP.

## Product Notes

Notes:	Pair jackets and shields bonded so both strip simultaneously. Beldfoil® provides high reliability with ease of termination.
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## History

Update and Revision:	Revision Number: 0.353 Revision Date: 12-20-2022
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