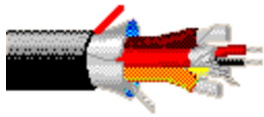


**Part Number: 1408R**

**Audio Snake Cable, #24-4pr, TC, Individ. Shielded, CMR**



## Product Description

Audio Snake Cable, 16-24 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

### Product Overview

Environmental Space:	Indoor - Riser
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
24	7x32	TC - Tinned Copper	0.024 in	4

Conductor Count:	8
Total Number of Pairs:	4
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
1	Red
2	Black

#### 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	0.346 in	0.037 in	Yes
	0.346 in		

## 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

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: -30°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	66 lbs/1000ft
Max Recommended Pulling Tension:	88 lbs
Min Bend Radius/Minor Axis:	3.5 in

## Standards

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

## 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:	Yes
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, LS0H, Toxicity Testing

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4

UL Voltage Rating:	300V RMS
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**Plenum/Non-Plenum**

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

**Variants**

Item #	Color	Footnote
1408R 0101000	BLACK	C
1408R 010500	BLACK	C

Footnote:	C - CRATE REEL PUT-UP.
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