


Product: [1408R](#) 



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

Product Description

Audio Snake Cable, 4 PR 24 AWG tinned copper, 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	4

Conductor Count:	8
Total Number of Pairs:	4

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
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	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	0.346 in	0.037 in	Yes

Electrical Characteristics

Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR
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15.9 Ohm/1000ft	23.3 Ohm/1000ft	23.3 Ohm/1000ft	6 Ohm/1000ft
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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 µH/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
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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

Environmental Space:	Indoor - Riser
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
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, 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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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
1408R 010500	Black	Reel	500 ft	612825114819
1408R 0101000	Black	Reel	1,000 ft	612825114802

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.

History

Update and Revision: Revision Number: 0.268 Revision Date: 04-28-2020

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