

Product: <u>1414R</u> ☑



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

Product Description

Audio Snake Cable, 24-24 AWG tinned copper pairs, polyolefin insulation, individually shielded with Beldfoil® bonded to numbered/color-coded PVC jackets so both strip simulteaneously, overall Beldfoil® shield, drain, PVC jacket

Technical Specifications

Physical Characteristics (Overall)

Conduc	Conductor			
AWG	Stranding	Material	Nominal Diameter	No. of Pairs
24	7x32	TC - Tinned Copper	0.024 in	24
Condu	Conductor Count:		48	
Total N	otal Number of Pairs:		24	

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	0.04 in	0.008 in

Color Chart

Number	Color
1	Brown and Numbered 1
2	Red and Numbered 2
3	Orange and Numbered 3
4	Yellow and Numbered 4
5	Green and Numbered 5
6	Blue and Numbered 6
7	Purple and Numbered7
8	Gray and Numbered 8
9	White and Numbered 9
10	Black and Numbered 10
11	Tan and Numbered 11
12	Pink and Numbered 12
13	Gray/Brown Stripe and Numbered 13
14	Gray/Red Stripe and Numbered 14
15	Gray/Orange Stripe and Numbered 15
16	Gray/Yellow Stripe and Numbered 16
17	Gray/Green Stripe and Numbered 17
18	Gray/Blue Stripe and Numbered 18
19	Gray/Purple Stripe and Numbered 19
20	Gray/Gray Stripe and Numbered 20
21	Gray/White Stripe and Numbered 21
22	Gray/Black Stripe and Numbered 22
23	Gray/Tan Stripe and Numbered 23
24	Gray/Pink Stripe and Numbered 24
1	Red
2	Black

Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Таре	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	0.036 in	18	7x26

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.801 in	0.065 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 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 at 25°C

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

Operating Temp Range:	-30°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	332 lbs/1000ft
Max. Pull Tension:	418 lbs
Min Bend Radius/Minor Axis:	8 in

Standards

NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG
CPR Euroclass:	Eca

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

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Suitability - Indoor:	Yes	

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4
IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No	
Fichum (1/N).	INO	

Part Number

Variants

Item	#	Color	Putup Type	Length	UPC
1414R 010	10500	Black	Reel	500 ft	612825114901
1414R 010	101000	Black	Reel	1,000 ft	612825114895
Footnote:				C - 0	CRATE REEL PU

Product Notes

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

Update and Revision	Revision Number: 0	.269 Revision Date: 06-08-2020
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Офис по работе с юридическими лицами:

105318, г. Москва, ул. Щербаковская д. 3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru moschip.ru_6 moschip.ru_4 moschip.ru_9