



Part Number: 1821R

Audio Snake Cable, #22-24pr, TC, Indiv. Shielded, CMR

Product Description

Audio Snake Cable, Riser-CMR, 24-22 AWG tinned copper pairs, polyolefin insulation, individually shielded with Beldfoil® bonded to numbered/color-coded PVC jackets so both strip simultaneously, PVC jacket

Product Specifications

AG.Filter Attributes

Total Number of Conductors:	48
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Technical Specifications

AG_0401

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4

APAC Standard

MII Order #39 (China RoHS):	Yes
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Applicable Patents

Patent:	http://www.belden.com/p
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Bend Radius

Min Bend Radius/Minor Axis:	9.75 in
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CCB-Sub-Part Number

Plenum (Y/N):	No
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Contact Information

PHONE_NUM:	1-800-Belden1
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EU Directive

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMG
NEC/(UL) Specification:	CMR

Unused Attributes

Notes:	Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment. Beldfoil« provides high reliability with ease of termination.
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Use

Max Recommended Pulling Tension:	679 lbs
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Impedance:

Nominal Characteristic Impedance

50 Ohm

Inductance:

Nominal Inductance

0.18 μ H/ft

Conductor DCR:

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
14.1 Ohm/1000ft	14.8 Ohm/1000ft	11.8 Ohm/1000ft

Color Chart 1:

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
13	Gray/Brown Stripe
14	Gray/Red Stripe
15	Gray/Orange Stripe
16	Gray/Yellow Stripe
17	Gray/Green Stripe
18	Gray/Blue Stripe
19	Gray/Purple Stripe
20	Gray/Gray Stripe
21	Gray/White Stripe
22	Gray/Black Stripe
23	Gray/Tan Stripe
24	Gray/Pink Stripe
	Red and Black

Delay:

Nominal Velocity of Propagation (VP) [%]

66 %

Voltage:

UL Voltage Rating

300V RMS V

Current:

Max. Recommended Current [A]

1.45 Amps per conductor @ 25°C

Innershield:

Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D	
Tape	Aluminum Foil-Polyester Tape			Beldfoil®	100 %	22 7x30 mm
		TC - Tinned Copper				

Capacitance:

Nom. Capacitance Conductor to Conductor Nom. Capacitance Conductor to Other Conductor to Shield

31 pF/ft 56 pF/ft

Innerjacket:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.133 in

Insulation:

Material	Nominal Diameter
PO - Polyolefin	0.05 in

Outerjacket 1:

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.969 in	Yes

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
22	7x30	TC - Tinned Copper	0.03 in	24

Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D	
Tape	Aluminum Foil-Polyester Tape			Beldfoil®	100 %	TC - Tinned Copper	18 19x30 mm

Product Variants

Part Number	Color	Put-Up Type	Length
1821R	BLACK	Reel	1000 ft
1821R	BLACK	Reel	305 m
1821R 0101000	BLACK	Reel	1000 ft
1821R	BLACK	Reel	500 ft
1821R	BLACK	Reel	152 m
1821R 010500	BLACK	Reel	500 ft
1821R	BLACK	Reel	500 m
1821R			

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