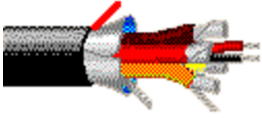


**Part Number: 1821R**

**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

**Technical Specifications**

**Product Overview**

Environmental Space:	Indoor - Riser
----------------------	----------------

**Physical Characteristics (Overall)**

**Conductor**

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

Conductor Count:	48
Total Number of Pairs:	24
Conductor Size:	22 AWG

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PO - Polyolefin	0.05 in	0.010 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
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

#### 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	0.030 in	22	7x30
						TC - Tinned Copper	

#### Inner Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.133 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	0.048 in	18	19x30

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.969 in	0.084 in	Yes
	0.969 in		

## Electrical Characteristics

#### Conductor DCR

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

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
31 pF/ft	56 pF/ft

Shielding:	Individually Shielded + Overall Shield
------------	--

#### 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]
1.45 Amps per conductor @ 25°C

#### Voltage

UL Voltage Rating
300 V RMS

## Temperature Range

Operating Temp Range:	-20°C To +60°C
-----------------------	----------------

## Mechanical Characteristics

Bulk Cable Weight:	478 lbs/1000ft
Max Recommended Pulling Tension:	679 lbs
Min Bend Radius/Minor Axis:	9.75 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:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

## Part Number

### Variants

Item #	Color	Footnote
1821R 0101000	Black	C
1821R 010500	Black	C

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

© 2018 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.