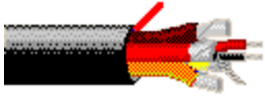




Product: [1220B](#)

Audio Snake Cable, #22-12pr, TC, Individ. Shielded



### Product Description

Audio Snake Cable, 12-22 AWG tinned copper pairs, Datalene® insulation, individually shielded with Beldfoil® bonded to numbered/color-coded PVC jackets so both strip simultaneously, flexible PVC jacket

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
22	7x30	TC - Tinned Copper	0.03 in	12

Conductor Count: 24

Total Number of Pairs: 12

##### Insulation

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness
PE - Polyethylene (Foam)	Datalene®	0.06 in	0.015 in

##### Color Chart

Number	Color
1	Brown
2	Red
3	Yellow
4	Orange
5	Green
6	Blue
7	Purple
8	Gray
9	White
10	Black
11	Tan
12	Pink

##### Inner Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	0.030 in	22	7x30

##### Inner Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.153 in	0.015 in

##### Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.76 in	0.074 in	Yes

#### Electrical Characteristics

## Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance
10.6 Ohm/1000ft	15 Ohm/1000ft	15 Ohm/1000ft

## Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
19 pF/ft	35 pF/ft

## Inductance

Nominal Inductance
0.2 µH/ft

## Delay

Nominal Velocity of Propagation (VP) [%]
78%

## Current

Max. Recommended Current [A]
1.5 Amps per Conductor at 20°C

## Voltage

Non-UL Voltage Rating	Voltage Rating [V]
150 V RMS	300 V RMS
300 V RMS	

## Temperature Range

Non-UL Temp Rating:	60°C
Operating Temperature Range:	-20°C To +60°C

## Mechanical Characteristics

Bulk Cable Weight:	271 lbs/1000ft
Max. Pull Tension:	328 lbs
Min. Bend Radius/Minor Axis:	7.75 in

## Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
-----------------------	-----

## Plenum/Non-Plenum

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

## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	UPC
1220B B59500	Black, Matte	Reel	500 ft	612825109099
1220B B591000	Black, Matte	Reel	1,000 ft	612825109082

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

## Product Notes

Notes:	Datalene® insulation features include a low dielectric constant and a low dissipation factor for high-speed, low distortion data handling. Physical properties include good crush resistance and light weight. Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment.
--------	---

## History

Update and Revision:	Revision Number: 0.351 Revision Date: 12-20-2022
----------------------	--

© 2023 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.