
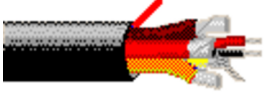


**Product:** [1427B](#) 

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



**Product Description**

Audio Snake Cable, 24-22 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	24

Conductor Count:	48
Total Number of Pairs:	24

**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	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray
9	White
10	Black
11	Tan
12	Pink
13	Gray/Brown
14	Gray/Red
15	Gray/Orange
16	Gray/Yellow
17	Gray/Green
18	Gray/Blue
19	Gray/Purple
20	Gray/Gray
21	Gray/White
22	Gray/Black
23	Gray/Tan
24	Gray/Pink

**Color Chart 2**

Color
Red and Black

#### 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	1.088 in	0.09 in	Yes

## Construction and Dimensions

#### Stranding

Twists
6.85 twist/ft

## 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]
1.45 Amps per Conductor at 20°C

#### Voltage

Non-UL Voltage Rating
300 V RMS

## Temperature Range

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

## Mechanical Characteristics

Bulk Cable Weight:	531 lbs/1000ft
Max. Pull Tension:	655 lbs
Min. Bend Radius/Minor Axis:	10.88 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
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	UPC
1427B B591000	Black, Matte	Reel	1,000 ft	612825115175

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

Update and Revision:	Revision Number: 0.339 Revision Date: 04-08-2022
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