
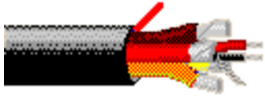


**Product:** [1218B](#) 

Audio Snake Cable, #22-6pr, TC, Individ. Shielded



### Product Description

Audio Snake Cable, 6-22 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	6

Conductor Count:	12
Total Number of Pairs:	6

##### 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

##### Inner 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	0.030 in	22	7x30

##### Inner Jacket Material

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

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.578 in	0.055 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	15 Ohm/1000ft

##### Capacitance

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

19 pF/ft	35 pF/ft
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#### Inductance

<b>Nominal Inductance</b>
0.2 µH/ft

#### Impedance

<b>Nominal Characteristic Impedance</b>
70 Ohm

#### Delay

<b>Nominal Velocity of Propagation (VP) [%]</b>
78%

#### Current

<b>Max. Recommended Current [A]</b>
2 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 Temp Range:	-20°C To +60°C

### Mechanical Characteristics

Bulk Cable Weight:	148 lbs/1000ft
Max. Pull Tension:	164 lbs
Min Bend Radius/Minor Axis:	5.75 in

### Standards

CPR Euroclass:	Eca
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### 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 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

Suitability - Indoor:	Yes
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### Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Part Number

#### Variants

Item #	Color	Putup Type	Length	UPC
1218B B59500	Black, Matte	Reel	500 ft	612825108993
1218B B591000	Black, Matte	Reel	1,000 ft	612825108986

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: 0.282 Revision Date: 06-08-2020

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