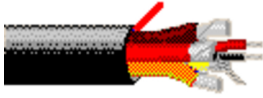




Product: [1217B](#)

Audio Snake Cable, #22-4pr, TC, Individ. Shielded



Product Description

Audio Snake Cable, 4-22 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	4

Conductor Count: 8

Total Number of Pairs: 4

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

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	0.03 mm	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	0.458 in	0.040 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]

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 Temperature Range: -20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight: 99 lbs/1000ft

Max. Pull Tension: 109 lbs

Min. Bend Radius/Minor Axis: 4.58 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
1217B B59500	Black, Matte	Reel	500 ft	612825108948
1217B B591000	Black, Matte	Reel	1,000 ft	612825108931

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: 0.363 Revision Date: 12-20-2022

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