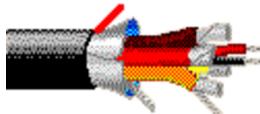


Product: [1817WB](#)
Audio Snake Cable, #22-8pr, TC, Indiv. Shielded, Waterblocked

Product Description

Audio Snake Cable, 8-22 AWG tinned copper pairs, polyolefin insulation, individually shielded with Beldfoil® bonded to numbered/color-coded PVC jackets so both strip simultaneously, waterblocking tape, HDPE jacket

Technical Specifications
Physical Characteristics (Overall)
Conductor

Element	AWG	Stranding	Material	Nominal Diameter	No. of Pairs
Pair(s)	22	7x30	TC - Tinned Copper	0.03 in	8

Conductor Count:	16
Total Number of Pairs:	8

Insulation

Element	Material	Nominal Diameter	Nominal Wall Thickness
Pair(s)	PP - Polypropylene	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
Pairs	Red & Black

Inner Shield Material

Element	Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Pair(s)	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	0.133 in	0.015 in

Outer Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	1	Alum / Poly	Beldfoil®	100 %	TC - Tinned Copper	0.048 in	18	19x30
Waterblocking Tape	2			100 %				

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PE - Polyethylene	0.537 in	0.030 in	Yes

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

Inductance

Nominal Inductance
0.18 μ H/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
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Mechanical Characteristics

Bulk Cable Weight:	150 lbs/1000ft
Max Recommended Pulling Tension:	243 lbs
Min Bend Radius/Minor Axis:	5.5 in

Applicable Environmental and Other Programs

Environmental Space:	Indoor/Outdoor
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):	2011-07-20
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Aerial:	Yes
Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes

Flammability, LS0H, Toxicity Testing

UL voltage rating:	300 V RMS
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Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	1817P

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
1817WB 010500	Black	Reel	500 ft	612825123637
1817WB 0102500	Black	Reel	500 ft	612825431220
1817WB 0101000	Black	Reel	1,000 ft	612825123620

Product Notes

Notes:	Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment. Beldfoil® provides high reliability with ease of termination.
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History

Update and Revision:	Revision Number: 0.274 Revision Date: 05-11-2020
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