

Product: [7887A](#) 



Audio Snake Cable, 12 Quad 26 AWG, TC

Product Description

Digital Audio Snake Cable, CM-Rated, 12 quad 26 AWG tinned copper, Datalene® insulation, individually shielded with Beldfoil® bonded to numbered/color-coded PVC jackets so both strip simultaneously, PVC jacket

Technical Specifications

Physical Characteristics (Overall)

Conductor				
AWG	Stranding	Material	Nominal Diameter	No. of Quads
26	19x38	BC - Bare Copper	0.02 in	12
Conductor Count:				48

Insulation		
Material	Nominal Diameter	Nominal Wall Thickness
PE - Polyethylene	0.047 in	0.013 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	Beige
12	Pink
1	Blue
2	White
3	Blue w/White Stripe
4	White w/Blue Stripe

Color Chart 2	
Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray

9	White
10	Black
11	Beige
12	Pink

Inner Shield Material

Type	Material	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
French Braid	BC - Bare Copper	95 %	TC - Tinned Copper	0.025 in	24	7x38
		95 %				

Inner Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.157 in	0.013 in

Outer Shield Material

Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
TC - Tinned Copper	0.041 in	20	19x32

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.828 in	0.085 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Inner Shield DCR
36 Ohm/1000ft	36 Ohm/1000ft		6.8 Ohm/1000ft

Capacitance

Nom. Capacitance Between Conductors in Quad	Nom. Capacitance Conductor to Other Conductor to Shield
57.4 pF/ft	39.2 pF/ft

Inductance

Nominal Inductance
0.21 µH/ft

Impedance

Nominal Characteristic Impedance
40 Ohm

Delay

Nominal Velocity of Propagation (VP) [%]
66 %

Current

Max. Recommended Current [A]
1 Amp per conductor @ 25°C

Voltage

UL Voltage Rating
100 V RMS

Electrical Characteristics Notes:	2/c 22 AWG equivalent DCR when connected to a 3-pin XLR.
Other Electrical Characteristic 2:	Nom. Cap. Between Cond. in a Quad Config.: 57.4 pF/ft

Temperature Range

Operating Temp Range:	-40°C To +60°C
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Mechanical Characteristics

Bulk Cable Weight:	339 lbs/1000ft
Max Recommended Pulling Tension:	535 lbs
Min Bend Radius/Minor Axis:	8.5 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 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:	No
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

UL voltage rating:	100 V RMS
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
7887A B59500	Black, Matte	Reel	500 ft	612825190721

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.261 Revision Date: 04-08-2020
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