
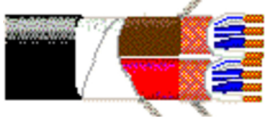


**Product:** [7887A](#) 



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
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**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

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

#### Inner Jacket

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

#### Outer Shield

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

#### Outer Jacket

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 $\mu$ H/ft

#### Impedance

Nominal Characteristic Impedance
40 Ohm

#### Delay

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

#### Current

Max. Recommended Current [A]
1 Amp per Conductor at 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. Pull 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 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:	No
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LS0H, 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	Put-Up 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: 0.273 Revision Date: 12-15-2021
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