BELDEN
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Product: 1916A

Audio Snake Cable, #24-16pr, BC, Indiv. Shielded

Product Description

Audio Snake Cable, 16-24 AWG bare copper pairs, polyolefin insulation, individually shielded with double serve "French Braid", drain, numbered/color-coded PVC jackets, flexible PVC jacket

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
24	41x40	BC - Bare Copper	0.0225 in	16

Conductor Count:	32
Total Number of Pairs:	16

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	0.04 in	0.008 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	Tan
12	Pink
13	Lt Gray/Brown
14	Lt Gray/Red
15	Lt Gray/Orange
16	Lt Gray/Yellow

Color Chart 2

Number	Color
1	Red & Black

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	19x26

Inner Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.119 in	0.014 in

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.683 in	0.077 in

Construction and Dimensions

Stranding

Twists
12 twist/ft

Electrical Characteristics

Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance
7.2 Ohm/1000ft	25.5 Ohm/1000ft	25.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
26.1 pF/ft	47.5 pF/ft

Inductance

Nominal Inductance
0.18 µH/ft

Impedance

Nominal Characteristic Impedance
60 Ohm

Delay

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

Current

Max. Recommended Current [A]
1.05 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temp Range:	-20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	255 lbs/1000ft
Max. Pull Tension:	470 lbs
Min Bend Radius/Minor Axis:	6.9 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

Flammability, LS0H, Toxicity Testing

UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
1916A B59250	Black, Matte	Reel	250 ft	612825126720
1916A B59500	Black, Matte	Reel	500 ft	612825126737
1916A B591000	Black, Matte	Reel	1,000 ft	612825126713

Footnote:	C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.262 Revision Date: 06-08-2020

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