



Part Number: 2221

Audio Cable, 2 Conductor 26 AWG, TC

Product Description

26 AWG stranded (30x40) BC conductors cabled with fillers, Datalene® insulation, conductors cabled with fillers, TC "French Braid" Shield (95% coverage), Belflex PVC jacket.

Technical Specifications

Product Overview

Environmental Space:	Indoor (Not Riser or Plenum)
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
26	30x40	BC - Bare Copper	1

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness
FHDPE - Foamed High Density Polyethylene	Datalene®	0.050 in	0.015 in

Color Chart

Number	Color
1	Red & Black

Outer Shield Material

Type	Material	Coverage [%]
French Braid	TC - Tinned Copper	95 %

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Belflex®	0.17 in	0.0245 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR
36 Ohm/1000ft	36 Ohm/1000ft		6.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
13 pF/ft

Impedance

Nominal Characteristic Impedance
110 Ohm

Delay

Nominal Velocity of Propagation (VP) [%]

78 %

Current**Max. Recommended Current [A]**

1.9 A

Voltage**UL Voltage Rating**

300 V RMS

Temperature Range

Operating Temp Range: -20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight: 16.5 lbs/1000ft

Max Recommended Pulling Tension: 34 lbs

Min Bend Radius/Minor Axis: 1.75 in

Standards

Other Specification: AES/EBU Digital Audio

Applicable Environmental and Other Programs

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 RoHS Compliance Date (yyyy-mm-dd): 2011-03-10

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Suitability

Suitability - Indoor: Yes

Flammability, LSOH, Toxicity Testing

UL voltage rating: 300 V RMS

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number**Variants**

Item #	Color	UPC	Length
2221 B59U1000	Black, Matte	612825130840	1,000 ft
2221 G7XU1000	Blue, Matte	612825130871	1,000 ft
2221 G7WU1000	Green, Matte	612825130864	1,000 ft
2221 B02U1000	Purple	612825130833	1,000 ft
2221 G7VU1000	Red, Matte	612825130857	1,000 ft

Product Notes

Notes: Datalene® insulation features include low dielectric constant and a dissipation factor for high-speed, low-distortion data handling. Physical properties include good crush resistance and light weight.

History

Update and Revision: Revision Number: 0.295 Revision Date: 08-22-2019

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