Product: 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

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
PE - Polyethylene (Foam)	Datalene®	0.050 in	0.015 in

Color Chart

Number	Color
1	Red & Black

Outer Shield

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

Outer Jacket

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 Amps per Conductor

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. Pull Tension:	34 lbs
Min. Bend Radius/Minor Axis:	1.75 in

Standards

Other Specification:	AES/EBU Digital Audio

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)
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	Put-Up Type	Length	UPC
2221 B59U1000	Black, Matte	UnReel	1,000 ft	612825130840
2221 G7XU1000	Blue, Matte	UnReel	1,000 ft	612825130871
2221 G7WU1000	Green, Matte	UnReel	1,000 ft	612825130864
2221 B02U1000	Purple	UnReel	1,000 ft	612825130833
2221 G7VU1000	Red, Matte	UnReel	1,000 ft	612825130857

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: 0.391 Revision Date: 12-15-2021

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