



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

Product Overview

Suitable Applications:	Multi-channel interconnect between audio equipment such as microphones, speakers, amplifiers, mixing consoles; Live events or studio sound; Analog audio
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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
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 Temperature Range:	-20°C To +60°C
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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
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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
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Flammability, LS0H, Toxicity Testing

UL voltage rating:	300 V RMS
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

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.
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History

Update and Revision:	Revision Number: 0.403 Revision Date: 02-15-2024
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