



**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

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

# Outer Jacket

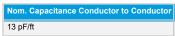
Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Belflex®	0.17 in	0.0245 in

#### **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



# Impedance

Nominal Characteristic Impedance
110 Ohm

#### Delay

Nominal Velocity of Propagation (VP) [%] 78%

#### Current

# Max. Recommended Current [A] 1.9 Amps per Conductor

#### Voltage



# **Temperature Range**

Operating Temperature 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				
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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.

# History

Update and Revision:	Revision Number: 0.399 Revision Date: 12-20-2022	

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