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please call

1-800-Belden1



### General 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.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
1	26	30x40	BC - Bare Copper

Total Number of Conductors: 2

#### Insulation

##### Insulation Material:

Insulation Trade Name	Insulation Material
Datalene®	FHDPE - Foam High Density Polyethylene

#### Outer Shield

##### Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
French Braid	TC - Tinned Copper	95

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material
Belflex®	PVC - Polyvinyl Chloride

#### Overall Cable

Overall Nominal Diameter: 4.318 mm

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Red & Black

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +60°C

Bulk Cable Weight: 24.555 Kg/Km

Max. Recommended Pulling Tension: 151.239 N

Min. Bend Radius/Minor Axis: 44.450 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

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

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Other Specification:	AES/EBU Digital Audio

### Suitability

Suitability - Indoor:	Yes
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)
110

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
42.653

### Nominal Velocity of Propagation:

VP (%)
78.000

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
118.116

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
21.655

### Max. Operating Voltage - UL:

Voltage
300 V RMS

### Max. Recommended Current:

Current
1.9 Amps per conductor @ 25°C

## Notes (Overall)

**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.

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
2221 B02U1000	1,000 FT	18.000 LB			1 PR #26 FHDPE BRD PVC
2221 B59U1000	1,000 FT	18.000 LB			1 PR #26 FHDPE BRD PVC
2221 G7VU1000	1,000 FT	18.000 LB			1 PR #26 FHDPE BRD PVC
2221 G7WU1000	1,000 FT	18.000 LB			1 PR #26 FHDPE BRD PVC
2221 G7XU1000	1,000 FT	18.000 LB			1 PR #26 FHDPE BRD PVC

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## **2221 Multi-Conductor - Single-Pair Cable**

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