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please call

1-800-Belden1



### General Description:

25 AWG stranded (19x38) bare copper conductor, foam polyethylene insulation, tinned copper "French Braid" shield (95% coverage), Belflex jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	25	19x38	BC - Bare Copper	.019

Total Number of Conductors: 1

#### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	.090

#### 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 Blend - Polyvinyl Chloride Blend

#### Overall Cable

Overall Nominal Diameter: 0.146 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +80°C

Bulk Cable Weight: 13 lbs/1000 ft.

Max. Recommended Pulling Tension: 22 lbs.

Min. Bend Radius/Minor Axis: 1.500 in.

Min. Bend Radius (Continuous Flexing): 3 in.

Flex Cycle Rating: 1 Million

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

AWM Specification: UL Style 1354

CSA Specification: AWM I/II A/B

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

EU CE Mark: Yes

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

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

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

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

#### Flame Test

C(UL) Flame Test: FT1

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)**

**Nom. Characteristic Impedance:**

**Impedance (Ohm)**  
75

**Nom. Inductance:**

**Inductance (µH/ft)**  
.097

**Nom. Capacitance Conductor to Shield:**

**Capacitance (pF/ft)**  
17.7

**Nominal Velocity of Propagation:**

**VP (%)**  
77

**Nominal Delay:**

**Delay (ns/ft)**  
1.30

**Nom. Conductor DC Resistance:**

**DCR @ 20°C (Ohm/1000 ft)**  
35.0

**Nominal Outer Shield DC Resistance:**

**DCR @ 20°C (Ohm/1000 ft)**  
9.1

**Nom. Attenuation:**

Freq. (MHz)	Attenuation (dB/100 ft.)
2.2	.6
5	.9
10	1.3
30	2.2
50	2.9
100	4.2

**Max. Operating Voltage - UL:**

**Voltage**  
30 V RMS (UL AWM Style 1354)

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7501A G7X1000	1,000 FT	15.000 LB	BLUE, MATTE	C Z	#25 LDHDFPE BRD PVC

**Notes:**

C = CRATE REEL PUT-UP.  
Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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