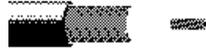


For more Information  
please call

1-800-Belden1



**General Description:**

22 AWG stranded (7x30) .030" bare copper conductor, plenum, foam FEP insulation, bare copper braid shield (95% coverage), FEP jacket.

**Physical Characteristics (Overall)**

**Conductor**

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	22	7x30	BC - Bare Copper	0.762

Total Number of Conductors: 1

**Insulation**

Insulation Material:

Insulation Material	Dia. (mm)
FFEP - Foam Fluorinated Ethylene Propylene	3.429

**Outer Shield**

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	95

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material
FEP - Fluorinated Ethylene Propylene

**Overall Cable**

Overall Nominal Diameter: 4.902 mm

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -70°C To +200°C

Non-UL Temperature Rating: 200°C

Bulk Cable Weight: 47.622 Kg/Km

Max. Recommended Pulling Tension: 311.374 N

Min. Bend Radius/Minor Axis: 50.800 mm

**Applicable Specifications and Agency Compliance (Overall)**

**Applicable Standards & Environmental Programs**

NEC(UL) Specification: CMP

CEC/C(UL) Specification: CMP

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

EU CE Mark: No

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

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

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

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

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

RG Type: 59/U

**Flame Test**

UL Flame Test: NFPA 262

CSA Flame Test:	FT6
<b>Suitability</b>	
Suitability - Outdoor:	Yes
Suitability - Burial:	Yes
<b>Plenum/Non-Plenum</b>	
Plenum (Y/N):	Yes
Non-Plenum Number:	9259

## Electrical Characteristics (Overall)

**Nom. Characteristic Impedance:**

<b>Impedance (Ohm)</b>
75

**Nom. Inductance:**

<b>Inductance (µH/m)</b>
0.301852

**Nom. Capacitance Conductor to Shield:**

<b>Capacitance (pF/m)</b>
56.7613

**Nominal Velocity of Propagation:**

<b>VP (%)</b>
78

**Nominal Delay:**

<b>Delay (ns/m)</b>
4.2653

**Nom. Conductor DC Resistance:**

<b>DCR @ 20°C (Ohm/km)</b>
49.215

**Nominal Outer Shield DC Resistance:**

<b>DCR @ 20°C (Ohm/km)</b>
8.5306

**Nom. Attenuation:**

Freq. (MHz)	Attenuation (dB/100m)
1	0.9843
10	2.9529
50	6.8901
100	9.843
200	14.7645
400	21.6546
700	29.529
900	33.1381
1000	36.091

**Max. Operating Voltage - UL:**

<b>Voltage</b>
300 V RMS

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
89259 010100	100 FT	5.100 LB	BLACK		#22 COAX FEP RG59/U
89259 0101000	1,000 FT	33.000 LB	BLACK	C	#22 COAX FEP RG59/U
89259 010500	500 FT	17.500 LB	BLACK	C	#22 COAX FEP RG59/U

**Notes:**

C = CRATE REEL PUT-UP.

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