# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



#### 89259 Coax - 75 Ohm Coax

For more Information please call

1-800-Belden1



#### **General Description:**

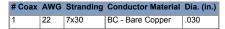
22 AWG stranded (7x30) .030" bare copper conductor, plenum, foam FEP insulation, bare copper braid shield (95% coverage), FEP jacket.

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### **Physical Characteristics (Overall)**

### Conductor

AWG:



Total Number of Conductors:

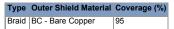
#### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FFEP - Foam Fluorinated Ethylene Propylene	.135

#### **Outer Shield**

Outer Shield Material:



#### **Outer Jacket**

Outer Jacket Material:

Outer Jacket Material
FEP - Fluorinated Ethylene Propylene

#### **Overall Cable**

Overall Nominal Diameter: 0.193 in.

#### **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-70°C To +200°C
Non-UL Temperature Rating:	200°C
Bulk Cable Weight:	32 lbs/1000 ft.
Max. Recommended Pulling Tension:	70 lbs.
Min. Bend Radius/Minor Axis:	2 in.

#### **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
MII Order #39 (China RoHS):	Yes
RG Type:	59/U

#### Flame Test

UL Flame Test: NFPA 262

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

#### **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:

Impedance	(Ohm)
75	

Nom. Inductance:



Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:



**Nominal Delay:** 



Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
15

Nominal Outer Shield DC Resistance:

DCR @ 20°C	(Ohm/1000 ft)
2.6	

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.3
10	.9
50	2.1
100	3.0
200	4.5
400	6.6
700	9.0
900	10.1
1000	11.0

Max. Operating Voltage - UL:



#### **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	С	#22 COAX FEP RG59/U
89259 010500	500 FT	17.500 LB	BLACK	С	#22 COAX FEP RG59/U

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 09-20-2012

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