

89259 Coax - 75 Ohm Coax



For more Information  
please call  
1-800-Belden1



### 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. (in.)
1	22	7x30	BC - Bare Copper	0.030

#### Insulation:

Insulation Material

Ins Material	Dia. (in.)
FFEP - Foam Fluorinated Ethylene Propylene	0.135

#### 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 Cabling:

Overall Nominal Diameter: .193 in.

### Mechanical Characteristics (Overall):

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

Non-UL Temperature Rating 200°C

Bulk Cable Weight: 36 lbs/1000 ft.

Max. Recommended Pulling Tension: 70 lbs.

Min. Bend Radius (Install): 2.500 in.

### Applicable Specifications and Agency Compliance (Overall):

#### Applicable Standards:

NEC/(UL) Specification	CMP
CEC/C(UL) Specification	CMP
EU CE Mark (Y/N)	No
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	04/01/2005
RG Type	59/U

#### Flame Test:

UL Flame Test	NFPA 262
C(UL) Flame Test	FT6

**Suitability:**

Suitability - Outdoor Yes

Suitability - Burial Yes

**Plenum/Non-Plenum:**

Plenum (Y/N) Y

Non-Plenum Number 9259

**Electrical Characteristics (Overall):**

Nom. Characteristic Impedance

Impedance (Ohm)
75.000

Nom. Inductance

Inductance (µH/ft)
0.092

Nom. Capacitance Conductor to Shield

Capacitance (pF/ft)
17.300

Nominal Velocity of Propagation

VP (%)
78

Nominal Delay

Delay (ns/ft)
1.300

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
15.000

Nom. Attenuation

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Attenuation (dB/100 ft.)
	1.000			0.300
	10.000			0.900
	50.000			2.100
	100.000			3.000
	200.000			4.500
	400.000			6.600
	700.000			9.000
	900.000			10.100
	1000.000			11.000

Max. Operating Voltage - UL

Voltage
300 V RMS

Nominal Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
2.600

**PUT UPS AND COLORS:**

Item #	Putup	Ship Weight	Jacket Color	Notes	Item Desc
89259 010100	100 FT	5.100 LB	BLACK		#22 COAX FEP RG59/U BLK
89259 0101000	1,000 FT	32.000 LB	BLACK	C	#22 COAX FEP RG59/U BLK
89259 010500	500 FT	16.000 LB	BLACK	C	#22 COAX FEP RG59/U BLK

**Notes:**

C = CRATE REEL PUT-UP.

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