

9259 Coax - 75 Ohm Coax

 For more Information
 please call

1-800-Belden1

**General Description:**

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

Physical Characteristics (Overall)**Conductor**

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	22	7x30	BC - Bare Copper	.030

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	.146

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.241 in.

Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 33 lbs/1000 ft.

Max. Recommended Pulling Tension: 65 lbs.

Min. Bend Radius/Minor Axis: 2.500 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CM

CEC/C(UL) Specification: CM

AWM Specification: UL Style 1354 (30 V 80°C)

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

Flame Test

UL Flame Test:	UL1685 UL Loading
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Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	89259 or 82259

Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)
75

Nom. Inductance:

Inductance (μH/ft)
.09

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
17.3

Nominal Velocity of Propagation:

VP (%)
78

Nominal Delay:

Delay (ns/ft)
1.3

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	.30
5	.65
10	.90
50	2.1
100	3.0
200	4.5
400	6.6
700	8.9
900	10.1
1000	10.9

Max. Operating Voltage - UL:

Voltage
300 V RMS

Notes (Overall)

Notes: For CCTV Applications.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9259 010U1000	1,000 FT	35.000 LB	BLACK		#22 PE RG 59/U TYPE
9259 010U500	500 FT	18.000 LB	BLACK		#22 PE RG 59/U TYPE
9259 010100	100 FT	4.100 LB	BLACK		#22 PE RG 59/U TYPE
9259 0101000	1,000 FT	37.000 LB	BLACK	C	#22 PE RG 59/U TYPE
9259 010500	500 FT	18.500 LB	BLACK	C	#22 PE RG 59/U TYPE
9259 0105000	5,000 FT	180.000 LB	BLACK	C	#22 PE RG 59/U TYPE

Notes:

C = CRATE REEL PUT-UP.

Test Reports**a) UL**

- i) UL Test Reports are available on-line through the UL Client Document Access web portal.
- ii) UL Inspection Reports are also available through the UL Client Document Access web portal.

b) CSA

- i) CSA "Descriptive Report and Test Results" documents are available on the CSA Gateway Portal.
- ii) CSA Inspection Reports are maintained on the CSA issued 'flash drive' at each manufacturing location.

* other test data may be available if requested at time of order.

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