

## 9259 Coax - 75 Ohm Coax

		<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p>
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### Description:

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

### PHYSICAL CHARACTERISTICS:

#### CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
RG Type	59/U
AWG	22
Stranding	7x30
Conductor Diameter	.030 in.
Conductor Material	BC - Bare Copper

#### INSULATION:

Insulation Material	FPE - Foam Polyethylene
Insulation Diameter	.146 in.

#### OUTER SHIELD:

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

#### OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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#### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.241 in.
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#### MECHANICAL CHARACTERISTICS:

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 (Install)	2.5 in.

#### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

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### APPLICABLE STANDARDS:

NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM
AWM Specification	UL Style 1354 (30 V 80°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

### 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)	N
Plenum Number	89259 or 82259

### ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	.09 $\mu$ H/ft
Nom. Capacitance Conductor to Shield	17.3 pF/ft
Nominal Velocity of Propagation	78 %
Nominal Delay	1.3 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	15 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20°C	2.6 Ohms/1000 ft

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. 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	300 V RMS
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### NOTES:

Notes	For CCTV Applications.
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**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9259 010100	#22 PE RG 59/U TYPE	100	4.1	BLACK	
9259 0101000	#22 PE RG 59/U TYPE	1000	37	BLACK	C
9259 010500	#22 PE RG 59/U TYPE	500	16.5	BLACK	C
9259 010U1000	#22 PE RG 59/U TYPE	U1000	35	BLACK	
9259 010U500	#22 PE RG 59/U TYPE	U500	18	BLACK	

C = CRATE REEL PUT-UP.

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