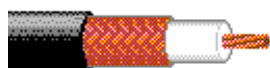




**89259 Coax - Standard Analog Video Cable - 75 Ohm Coax**

	<p><b>Metric Version</b>  <b>For more information please call</b>  <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 FEP insulation, 95% bare copper braid shield, FEP jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Coax	1
Total Number of Conductors	1
RG Type	59/U
AWG	22
Stranding	7x30
Conductor Diameter	0.762 mm
Conductor Material	BC - Bare Copper

**INSULATION:**

Insulation Material	FFEP - Foam Fluorinated Ethylene Propylene
Insulation Diameter	3.429 mm

**OUTER SHIELD:**

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

**OUTER JACKET:**

Outer Jacket Material	FEP - Fluorinated Ethylene Propylene
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**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter	4.902 mm
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-70°C To +200°C
Non-UL Temperature Rating	200°C
Bulk Cable Weight	53.575 Kg/Km
Max. Recommended Pulling Tension	311.374 N
Min. Bend Radius (Install)	63.5 mm



## 89259 Coax - Standard Analog Video Cable - 75 Ohm Coax

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

NEC/(UL) Specification	CMP
CEC/C(UL) Specification	CMP

#### 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:

Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	0.302 $\mu$ H/m
Nom. Capacitance Conductor to Shield	56.761 pF/m
Nominal Velocity of Propagation	78 %
Nominal Delay	4.265 ns/m
Nom. Conductor DC Resistance @ 20 Deg. C	49.215 Ohms/km
Nominal Outer Shield DC Resistance @ 20°C	8.531 Ohms/km

#### Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100m)
	1			0.984
	10			2.953
	50			6.89
	100			9.843
	200			14.764
	400			21.655
	700			29.529
	900			33.138
	1000			36.091

Max. Operating Voltage - UL 300 V RMS

#### PUT-UPS AND COLORS:

Item	Description	Put-Up (M)	Ship Weight (kgs.)	Jacket Color	Notes
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**89259 Coax - Standard Analog Video Cable - 75 Ohm Coax**

89259 010100	#22 COAX FEP RG59/U	30.48	2.315	BLACK	
89259 0101000	#22 COAX FEP RG59/U	304.8	15.436	BLACK	C
89259 010500	#22 COAX FEP RG59/U	152.4	7.945	BLACK	C

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 02-10-2005

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