

9290 Coax - 75 Ohm Coax

 For more Information  
 please call

1-800-Belden1

**Description:**

18 AWG solid .037" bare copper conductor, foam polyethylene insulation, double bare copper braid shields (98% coverage), PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	18	Solid	BC - Bare Copper	.037

**Insulation****Insulation Material:**

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	.180

**Outer Shield****Outer Shield Material:**

Layer #	Type	Outer Shield Material	Coverage (%)
1	Braid	BC - Bare Copper	95
2	Braid	BC - Bare Copper	95

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

**Overall Cable**
**Overall Nominal Diameter:** 0.288 in.
**Mechanical Characteristics (Overall)**

<b>Operating Temperature Range:</b>	-40°C To +80°C
<b>Non-UL Temperature Rating:</b>	80°C
<b>Bulk Cable Weight:</b>	54 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	108 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	2.800 in.

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

<b>NEC/(UL) Specification:</b>	CM
<b>CEC/C(UL) Specification:</b>	CM
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	01/01/2004
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes

EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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RG Type:	6/U
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**Flame Test**

UL Flame Test:	UL1685 UL Loading
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**Suitability**

Suitability - Indoor:	Yes
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Suitability - Outdoor:	Yes
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)****Nom. Characteristic Impedance:**

Impedance (Ohm)
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75
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**Nom. Inductance:**

Inductance (µH/ft)
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.098
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**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)
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17.3
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**Nominal Velocity of Propagation:**

VP (%)
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81
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**Nominal Delay:**

Delay (ns/ft)
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1.3
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**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
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7.5
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**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
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2
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**Nom. Attenuation:**

Start Freq. (MHz)	Attenuation (dB/100 ft.)
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1	.2
10	.7
50	1.7
100	2.5
200	3.6
400	5.0
700	7.2
900	8.3
1000	8.8

**Max. Operating Voltage - UL:**

Voltage
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300 V RMS
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**Minimum Return Loss:**

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
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		5	450	23
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## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9290 0101000	1,000 FT	59.000 LB	BLACK	C	RG-6/U TYPE COAX
9290 0102000	2,000 FT	118.000 LB	BLACK	C	RG-6/U TYPE COAX

**Notes:**

C = CRATE REEL PUT-UP.

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