

9888 Coax - 50 Ohm Triax

 For more Information  
 please call

1-800-Belden1

**Description:**

11 AWG stranded (7x19) .108" bare copper conductor, foam polyethylene insulation, double bare copper braid shield (96% coverage) polyethylene jacket.

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

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	11	7x19	BC - Bare Copper	.108

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

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	.285

**Inner Shield****Inner Shield Material:**

Type	Inner Shield Material	Coverage (%)
Braid	BC - Bare Copper	96

**Inner Jacket****Inner Jacket Material:**

Inner Jacket Material	Nom. Dia. (in.)
PE - Polyethylene	.370

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

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	96

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

Outer Jacket Material
PE - Polyethylene

**Overall Cable**

<b>Overall Nominal Diameter:</b>	0.480 in.
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**Mechanical Characteristics (Overall)**

<b>Operating Temperature Range:</b>	-55°C To +80°C
<b>Non-UL Temperature Rating:</b>	80°C
<b>Bulk Cable Weight:</b>	130 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	326 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	5 in.

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

<b>EU CE Mark:</b>	No
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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EU Directive 2002/96/EC (WEEE):	Yes
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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:	8/U
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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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50
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**Nom. Inductance:**

Inductance (μH/ft)
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.065
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**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)
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26
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**Nominal Velocity of Propagation:**

VP (%)
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78
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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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1.2
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**Nom. Inner Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
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1.2
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**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
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2.1
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**Nom. Attenuation:**

Freq. (MHz)	Attenuation (dB/100 ft.)
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1.000	0.100
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10.000	0.500
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50.000	1.200
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100.000	1.800
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200.000	2.700
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400.000	4.200
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700.000	5.800
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900.000	6.700
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1000.000	7.100
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**Max. Operating Voltage - Non-UL:**

Voltage
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300 V RMS (Between shield)
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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
9888 0101000	1,000 FT	137.000 LB	BLACK	C	50 OHM TRIAX
9888 010500	500 FT	72.500 LB	BLACK	C	50 OHM TRIAX

**Notes:**

C = CRATE REEL PUT-UP.

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