## **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



#### 9888 Coax - 50 Ohm Triax

For more Information please call

1-800-Belden1



## **General 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	<b>Conductor Material</b>	Dia. (in.)
1	11	7x19	BC - Bare Copper	.108

Total Number of Conductors:

1

#### Insulation

#### **Insulation Material:**

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

#### **Inner Shield**

#### Inner Shield Material:

	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:**

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

### **Outer Jacket**

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

<b>Outer Jacket Material</b>	Nom. Wall Thickness (in.)
PE - Polyethylene	0.040

### **Overall Cable**

Overall Nominal Diameter: 0.480 in.

# **Mechanical Characteristics (Overall)**

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

## **Applicable Specifications and Agency Compliance (Overall)**

**Applicable Standards & Environmental Programs** 

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# **Detailed Specifications & Technical Data**





### 9888 Coax - 50 Ohm Triax

Plenum (Y/N):	No
Plenum/Non-Plenum	
RG Type:	8/U
MII Order #39 (China RoHS):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2002/96/EC (WEEE):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/95/EC (RoHS):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU CE Mark:	No
EU Directive 2011/65/EU (ROHS II):	Yes

### **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:



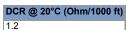
**Nominal Delay:** 



Nom. Conductor DC Resistance:



Nom. Inner Shield DC Resistance:



**Nominal Outer Shield DC Resistance:** 

DCR @ 20°C	(Ohm/1000 ft)
2.1	

#### Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.100
10.000	0.500
50.000	1.200
100.000	1.800
200.000	2.700
400.000	4.200
700.000	5.800
900.000	6.700
1000.000	7.100

Max. Operating Voltage - Non-UL:

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300 V RMS (Between shield)

### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9888 0101000	1,000 FT	137.000 LB	BLACK	С	50 OHM TRIAX
9888 010500	500 FT	72.500 LB	BLACK	С	50 OHM TRIAX

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 09-28-2012

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