

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	Conductor Material	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:**

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	Nom. Wall Thickness (in.)
PE - Polyethylene	0.040

Overall Cable

Overall Nominal Diameter: 0.480 in.

Mechanical Characteristics (Overall)

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**

EU Directive 2011/65/EU (ROHS II):	Yes
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EU CE Mark:	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)

50

Nom. Inductance:

Inductance (μH/ft)

.065

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

26

Nominal Velocity of Propagation:

VP (%)

78

Nominal Delay:

Delay (ns/ft)

1.3

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1.2

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1.2

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.1

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

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	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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