Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



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. (mm)
1	11	7x19	BC - Bare Copper	2.7432

Total Number of Conductors:

1

Insulation

Insulation Material:

	Insulation Material	Dia. (mm)
l	FPE - Foam Polyethylene	7.239

Inner Shield

Inner Shield Material:

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

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (mm)
PE - Polyethylene	9.398

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PE - Polyethylene

Overall Cable

Overall Nominal Diameter: 12.192 mm

Mechanical Characteristics (Overall)

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Operating Temperature Range:	-55°C To +80°C	
Non-UL Temperature Rating:	80°C	
Bulk Cable Weight:	193.466 Kg/Km	
Max. Recommended Pulling Tension:	1450.110 N	
Min. Bend Radius/Minor Axis:	127 mm	

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:



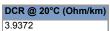
Nominal Delay:



Nom. Conductor DC Resistance:



Nom. Inner Shield DC Resistance:



Nominal Outer Shield DC Resistance:



Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1.000	0.328
10.000	1.641
50.000	3.937
100.000	5.906
200.000	8.859
400.000	13.780
700.000	19.030
900.000	21.983
1000.000	23.295

Max. Operating Voltage - Non-UL:

Voltage
300 V RMS (Between shield)

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9888 0101000	305 MT	62.142 KG	BLACK	С	50 OHM TRIAX
9888 010500	152 MT	32.886 KG	BLACK	С	50 OHM TRIAX

Notes:

C = CRATE REEL PUT-UP.

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