# **Detailed Specifications & Technical Data**



# 9222 Coax - 50 Ohm Triax

For more Information please call

1-800-Belden1



# **Description:**

EU CE Mark:

RG-58A/U type, 20 AWG stranded (7x28) .037" tinned copper conductor, polyethylene insulation, double tinned copper braid shield (96% coverage), PVC jacket.

Physical Characteristics (Overall)				
Conductor AWG:				
# Coax AWG Stranding Conductor Material Dia. (n	um)			
1 20 7x28 TC - Tinned Copper 0.965				
Insulation				
Insulation Material:				
Insulation Material Dia. (mm)PE - Polyethylene3.048				
Inner Shield				
Inner Shield Material:				
TypeInner Shield Material Coverage (%)BraidTC - Tinned Copper95.000				
Inner Jacket Inner Jacket Material:				
Inner Jacket Material Nom. Dia. (mm)				
PE - Polyethylene 4.496				
Outer Shield Outer Shield Material:				
TypeOuter Shield MaterialCoverage (%)BraidTC - Tinned Copper85				
Outer Jacket				
Outer Jacket Material:				
Outer Jacket Material PVC - Polyvinyl Chloride				
Overall Cabling				
Overall Nominal Diameter:	6.121 mm			
Mechanical Characteristics (Overall)				
Operating Temperature Range:	-40°C To +75°C			
Non-UL Temperature Rating:	75°C			
Bulk Cable Weight:	55.361 Kg/Km			
Max. Recommended Pulling Tension:	369.201 N			
Min. Bend Radius (Install)/Minor Axis:	63.500 mm			
Applicable Specifications and Agency Co	ompliance (Overall)			
Applicable Standards & Environmental Programs				

Yes

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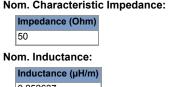
METRIC MEASUREMENT VERSION



## 9222 Coax - 50 Ohm Triax

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:	58A/U
Plenum/Non-Plenum	
Plenum (Y/N):	No
Electrical Characteristics (Overall)	
Nom. Characteristic Impedance:	

## E



0.252637

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m) 101.055

Nominal Velocity of Propagation:

VP (%)

66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

31.1695

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/km)

15.4207

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

14.1083

Nom. Attenuation:

#### Freq. (MHz) Attenuation (dB/100m)

,	
1	1.6405
10	4.9215
50	10.8273
100	16.0769
200	23.6232
400	39.372
500	45.934
700	59.058
900	72.182
1000	78.744

## Max. Operating Voltage - Non-UL:

Voltage 1400 V RMS

### **Related Documents:**

No related documents are available for this product

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#### METRIC MEASUREMENT VERSION



## **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9222 004U500	152 MT	9.299 KG	YELLOW		50 OHM TRIAX
9222 004100	30 MT	2.087 KG	YELLOW		50 OHM TRIAX
9222 004500	152 MT	8.845 KG	YELLOW	С	50 OHM TRIAX

Notes:

C = CRATE REEL PUT-UP.

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