# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



# 9659 Coax - 75 Ohm Coax

For more Information please call

1-800-Belden1



### **General Description:**

Flame Test

**UL Flame Test:** 

22 AWG stranded (7x30) .030" bare copper conductor, foam polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

## **Physical Characteristics (Overall)** Conductor AWG: # Coax AWG Stranding Conductor Material Dia. (in.) 22 7x30 BC - Bare Copper .030 **Total Number of Conductors:** 1 Insulation Insulation Material: **Insulation Material** FPE - Foam Polyethylene | .146 **Outer Shield** Outer Shield Material: Type Outer Shield Material Coverage (%) Braid BC - Bare Copper **Outer Jacket** Outer Jacket Material: **Outer Jacket Material** PVCNC - Polyvinyl Chloride Non-Contaminating **Overall Cable Overall Nominal Diameter:** 0.242 in. **Mechanical Characteristics (Overall)** Operating Temperature Range: -40°C To +80°C **Bulk Cable Weight:** 35 lbs/1000 ft. Max. Recommended Pulling Tension: 65 lbs. Min. Bend Radius/Minor Axis: 2.500 in. Applicable Specifications and Agency Compliance (Overall) **Applicable Standards & Environmental Programs** NEC/(UL) Specification: CMX CEC/C(UL) Specification: CMX **AWM Specification:** UL Style 1354 (30 V 60°C) EU Directive 2011/65/EU (ROHS II): Yes

# AWM Specification: EU Directive 2011/65/EU (ROHS II): EU CE Mark: EU Directive 2000/53/EC (ELV): EU Directive 2000/53/EC (ROHS): EU RoHS Compliance Date (mm/dd/yyyy): EU Directive 2002/96/EC (WEEE): EU Directive 2003/11/EC (BFR): Yes CA Prop 65 (CJ for Wire & Cable): Yes RG Type: 59/U

VW-1

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	CSA Flame Test:	FT1
Sui	tability	
	Suitability - Indoor:	Yes
	Suitability - Outdoor:	Yes
Ple	num/Non-Plenum	
	Plenum (Y/N):	No

# **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:

Impedance	(Ohm)
75	

Nom. Inductance:



Nom. Capacitance Conductor to Shield:



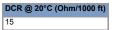
Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
2.6

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.3
10	.9
50	2.1
100	3.0
200	4.5
400	6.6
700	8.9
900	10.1
1000	10.9

Max. Operating Voltage - UL:

Voltage 150 V RMS

Max. Operating Voltage - Non-UL:

Voltage 300 V RMS

Minimum Return Loss:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
		5	450	23

# Notes (Overall)

Notes: For CCTV Applications.

# **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9659 010U500	500 FT	19.000 LB	BLACK		RG59/U TYPE COAX
9659 0101000	1,000 FT	38.000 LB	BLACK		RG59/U TYPE COAX

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Revision Date: 08-23-2012 Revision Number: 3

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