Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9258 Coax - RG-8X Type

For more Information please call

1-800-Belden1



General Description:

RG-8X type, 16 AWG stranded (19x29) .058" bare copper conductor, gas-injected FPE insulation, bare copper braid shield (95% coverage), PVC jacket.

Physical Characteristics (Overall) Conductor AWG: # Coax AWG Stranding Conductor Material Dia. (in.) 16 19x29 BC - Bare Copper .058 **Total Number of Conductors:** 1 Insulation Insulation Material: **Insulation Material** Dia. (in.) Gas-injected FPE - Foam Polyethylene | .155 **Outer Shield** Outer Shield Material: Type Outer Shield Material Coverage (%) Braid BC - Bare Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.242 in.

echanical Characteristics (Overall)				
Operating Temperature Range:	-40°C To +80°C			
UL Temperature Rating:	80°C (UL AWM Style 1354)			
Bulk Cable Weight:	37 lbs/1000 ft.			
Max. Recommended Pulling Tension:	75 lbs.			
Min. Bend Radius/Minor Axis:	2.500 in.			

Applicable Specifications and Agency Compliance (Overall) Applicable Standards & Environmental Programs

oplicable Standards & Environmental Programs				
NEC/(UL) Specification:	CM			
CEC/C(UL) Specification:	CM			
AWM Specification:	UL Style 1354 (30 V 80°C)			
EU Directive 2011/65/EU (ROHS II):	Yes			
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/X			

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Fla	me Test			
	UL Flame Test:	UL1685 UL Loading		
Sui	itability			
	Suitability - Indoor:	Yes		
	Suitability - Outdoor:	Yes		
	Suitability - Aerial:	Yes		
Ple	num/Non-Plenum			
	Plenum (Y/N):	No		

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



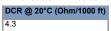
Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
3.3

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.3
10	.9
50	2.1
100	3.1
200	4.5
400	6.6
700	9.1
900	10.7
1000	11.2

Max. Power Rating:

Freq. (MHz)	Rating (W)
10	1000
50	370
100	250
200	190
400	110
700	75
1000	60

Max. Operating Voltage - UL:

Voltage 300 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9258 0091000	1,000 FT	40.000 LB	WHITE		RG-8X TYPE COAX
9258 010U1000	1,000 FT	39.000 LB	BLACK		RG-8X TYPE COAX
9258 010U500	500 FT	20.000 LB	BLACK		RG-8X TYPE COAX
9258 0101000	1,000 FT	40.000 LB	BLACK	С	RG-8X TYPE COAX

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9258 010500	500 FT	20.000 LB	BLACK	С	RG-8X TYPE COAX

Notes

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 09-20-2012

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