Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9258 Coax - RG-8X Type

For more Information please call

1-800-Belden1



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.)
1	16	19x29	BC - Bare Copper	.058

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	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.242 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C	
UL Temperature Rating:	80°C (UL AWM Style 1354)	
Bulk Cable Weight:	35 lbs/1000 ft.	
Max. Recommended Pulling Tension:	75 lbs.	
Min. Bend Radius (Install)/Minor Axis:	2.400 in.	

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM
AWM Specification:	UL Style 1354 (30 V 80°C)
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

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	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		
Fla	ame Test			
	UL Flame Test:	UL1685 UL Loading		
Suitability				
	Suitability - Indoor:	Yes		
	Suitability - Outdoor:	Yes		
	Suitability - Aerial:	Yes		
Plenum/Non-Plenum				
	Plenum (Y/N):	No		

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



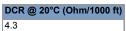
Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:



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

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200	190	1
400	110	1
700	75	٦
1000	60	1

Max. Operating Voltage - UL:

300 V RMS

Related Documents:

No related documents are available for this product

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

Notes:

C = CRATE REEL PUT-UP.

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