Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8232 Coax - RG-59/U Type

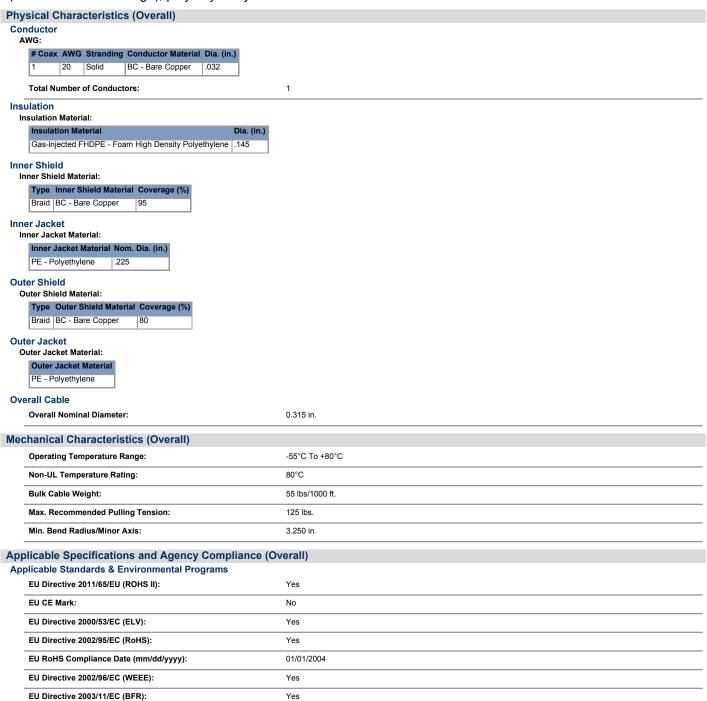
For more Information please call

1-800-Belden1



General Description:

20 AWG solid .032" bare copper conductor, gas-injected foam HDPE insulation, bare copper braid shields (95% and 80% coverage), polyethylene jacket.



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	CA Prop 65 (CJ for Wire & Cable):	Yes		
	MII Order #39 (China RoHS):	Yes		
	RG Type:	59/U		
Sui	Suitability			
	Suitability - Indoor:	Yes		
	Suitability - Outdoor:	Yes		
	Suitability - Aerial:	Yes - when supported by a messenger wire		
	Suitability - Burial:	Yes		
Plenum/Non-Plenum				
	Plenum (Y/N):	No		
,	Plenum Number:	88232		

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance	(Ohm)
75	

Nom. Inductance:



Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:



Nominal Delay:

Delay (ns/ft) 1.22

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 10.0

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 2.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 2.8

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.3
3.6	0.6
10	0.9
71.5	2.1
135	3.0
270	4.2
360	4.8
540	5.9
720	7.0
750	7.1
1000	8.3
1500	10.5
2250	13.4
3000	15.9

Max. Operating Voltage - Non-UL:

Voltage 300 V RMS

Minimum Structural Return Loss:

Start Freq. (MHz)	Stop Freq. (MHz)	Min. SRL (dB)
5	850	21
851	3000	15

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Sweep Test

100% sweep tested 5 MHz to 3 GHz Sweep Testing:

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8232 0101000	1,000 FT	60.000 LB	BLACK	С	RG-59/U TYPE TRIAX
8232 0102000	2,000 FT	118.000 LB	BLACK	С	RG-59/U TYPE TRIAX
8232 010500	500 FT	31.000 LB	BLACK		RG-59/U TYPE TRIAX

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 07-03-2012

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