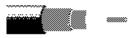
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

8215 Coax - 75 Ohm Coax



For more Information please call

1-800-Belden1



Description:

21 AWG solid .028" bare copper-covered steel conductor, polyethylene insulation, double bare copper braid shields (98% coverage), polyethylene jacket.

	1 • • • •
Physical Characteristics (Overall) Conductor	
AWG:	
# Coax AWG Stranding Conductor Material	Dia. (in.)
1 21 Solid BCCS - Bare Copper Cover	ed Steel 1.028
Insulation Insulation Material:	
Insulation Material Dia. (in.)	
PE - Polyethylene .185	
Outer Shield	
Outer Shield Material:	
Layer # Type Outer Shield Material Coverage (%) 1 Braid BC - Bare Copper 96	
2 Braid BC - Bare Copper 96	
Outer Jacket	
Outer Jacket Material:	
Outer Jacket Material	
PE - Polyethylene	
Overall Cable	
Overall Nominal Diameter:	0.332 in.
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-55°C To +80°C
Non-UL Temperature Rating:	80°C
Bulk Cable Weight:	69 lbs/1000 ft.
Max. Recommended Pulling Tension:	180 lbs.
Min. Bend Radius (Install)/Minor Axis:	3.500 in.
Applicable Specifications and Agency C	ompliance (Overall)
Applicable Standards & Environmental Prog	
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

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Yes	
6A/U	
Yes	
Yes	
Yes	
	6A/U Yes Yes

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance	(Ohm
75	

Nom. Inductance:

Inductance (µH/ft)

.115

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

20.5

Nominal Velocity of Propagation:

VP (%) 66

Nominal Delay:

Delay (ns/ft) 1.54

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

32.0

Nominal Outer Shield DC Resistance:

DCR @ 20°C	(Ohm/1000	ft)
1.1		

Nom. Attenuation:

Freq. (MHz) Attenuation (dB/100 ft.)

1 10q. (m12)	Attendation (ab/100 htt)
1	.4
10	.8
50	1.9
100	2.7
200	4.1
400	5.9
700	8.1
900	9.4
1000	9.8

Max. Operating Voltage - Non-UL:

Voltage

2700 V RMS

Minimum Return Loss:

 Description
 Freq. (MHz)
 Start Freq. (MHz)
 Stop Freq. (MHz)
 Min. RL (dB)

 5
 450
 23

Sweep Test

Sweep Testing:

100% Sweep tested 5 MHz to 450 MHz.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Detailed Specifications & Technical Data





8215 Coax - 75 Ohm Coax

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8215 0101000	1,000 FT	74.000 LB	BLACK	С	RG-6A/U TYPE COAX

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 03-07-2008

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