Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8263 Coax - 75 Ohm Coax

For more Information please call

1-800-Belden1



Description:

23 AWG solid bare copper-covered steel conductor, polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

Physical Characteristics (Overall)

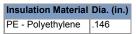
Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	23	Solid	BCCS - Bare Copper Covered Steel	.023

Insulation

Insulation Material:



Outer Shield

Outer Shield Material:

	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Material			
PVCNC - Polyvinyl Chloride Non-Contaminating	j		

Overall Cable

Overall Nominal Diameter: 0.242 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +60°C
Non-UL Temperature Rating:	60°C
Bulk Cable Weight:	36 lbs/1000 ft.
Max. Recommended Pulling Tension:	78 lbs.
Min. Bend Radius (Install)/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 CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
EU Directive 2002/96/EC (WEEE):	Yes

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Yes
Yes
Yes
Mil-C-17D
59B/U
VW-1
Yes
Yes
No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



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) 49.0

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 2.6

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.6
10	1.1
50	2.4
100	3.4
200	4.9
400	7.0
700	9.7
900	11.1
1000	12.0

Max. Operating Voltage - UL:

Voltage 150 V RMS

Max. Operating Voltage - Non-UL:

Voltage

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8263 Coax - 75 Ohm Coax

1700 V RMS

Misc. Information (Overall)

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8263 010U1000	1,000 FT	38.000 LB	BLACK		#23 PE BRD PVC
8263 010U500	500 FT	19.500 LB	BLACK		#23 PE BRD PVC
8263 0101000	1,000 FT	39.000 LB	BLACK	С	#23 PE BRD PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 06-18-2008

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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