# **Detailed Specifications & Technical Data**

**METRIC 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. (mm)
1	23	Solid	BCCS - Bare Copper Covered Steel	0.5842

#### Insulation

Insulation Material:

Insulation Material Dia. (mm)
PE - Polyethylene | 3.7084

### **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				

### **Overall Cabling**

Overall Nominal Diameter: 6.147 mm

Mechanical Characteristics (Overall)	
Operating Temperature Range:	-40°C To +60°C
Non-UL Temperature Rating:	60°C
Bulk Cable Weight:	53.575 Kg/Km
Max. Recommended Pulling Tension:	346.960 N
Min. Bend Radius (Install)/Minor Axis:	63.500 mm

## **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

Page 1 of 3 05-10-2011

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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
Military Specification:	Mil-C-17D
RG Type:	59B/U
Flame Test	
UL Flame Test:	VW-1
Suitability	
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No

## **Electrical Characteristics (Overall)**

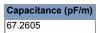
Nom. Characteristic Impedance:

Impedance (Ohm)	
75	

Nom. Inductance:



Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:



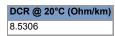
**Nominal Delay:** 



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:



Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1	1.9686
10	3.6091
50	7.8744
100	11.1554
200	16.0769
400	22.967
700	31.8257
900	36.4191
1000	39.372

Max. Operating Voltage - UL:

Voltage 150 V RMS

Max. Operating Voltage - Non-UL:

Voltage

Page 2 of 3 05-10-2011

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#### METRIC MEASUREMENT VERSION



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	305 MT	17.237 KG	BLACK		#23 PE BRD PVC
8263 010U500	152 MT	8.845 KG	BLACK		#23 PE BRD PVC
8263 0101000	305 MT	17.690 KG	BLACK	С	#23 PE BRD PVC

Notes:

C = CRATE REEL PUT-UP.

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

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Page 3 of 3 05-10-201