Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



8255 Coax - 93 Ohm

For more Information please call

1-800-Belden1



General Description:

93 ohm, RG-62B/U type, 24 AWG stranded (7x32) .024" bare copper-covered steel conductor, semi-solid polyethylene insulation, BC braid shield (95% coverage), non-contaminating PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	24	7x32	BCCS - Bare Copper Covered Steel	0.6096

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)	Dia. (mm)
Semi-Solid PE - Semi-Solid Polyethylene	0.660	3.708

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVCNC - Polyvinyl Chloride Non-Contaminating	0.838

Overall Cable

Overall Nominal Diameter: 6.147 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C	
UL Temperature Rating:	60°C (UL AWM Style 1354)	
Bulk Cable Weight:	47.622 Kg/Km	
Max. Recommended Pulling Tension:	333.615 N	
Min. Bend Radius/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 Directive 2011/65/EU (ROHS II):	Yes		
EU CE Mark:	Yes		
EU Directive 2000/53/EC (ELV):	Yes		
EU Directive 2002/95/EC (RoHS):	Yes		

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EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
RG Type:	62B/U
enum/Non-Plenum	
Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



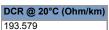
Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 9.5149

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1	0.9843
10	2.9529
50	6.562
100	9.5149
200	13.7802
400	20.0141
700	28.2166
900	33.1381
1000	36.4191

Max. Operating Voltage - UL:

Voltage	Description		
30 V RMS	UL AWM Style 1354		
300 V RMS	CMX		

Max. Operating Voltage - Non-UL:

Voltage 750 V RMS

Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
8255 0101000	305 MT	16.329 KG	BLACK	С	RG-62B/U TYPE 93OHM COAX
8255 010500	152 MT	8.391 KG	BLACK		RG-62B/U TYPE 93OHM COAX

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 10-16-2012

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