

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. (in.)
1	24	7x32	BCCS - Bare Copper Covered Steel	.024

Total Number of Conductors: 1

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (in.)	Dia. (in.)
Semi-Solid PE - Semi-Solid Polyethylene	0.026	0.146

**Outer Shield****Outer Shield Material:**

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

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVCNC - Polyvinyl Chloride Non-Contaminating	0.033

**Overall Cable**

Overall Nominal Diameter: 0.242 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-40°C To +80°C
UL Temperature Rating:	60°C (UL AWM Style 1354)
Bulk Cable Weight:	32 lbs/1000 ft.
Max. Recommended Pulling Tension:	75 lbs.
Min. Bend Radius/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 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

EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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RG Type:	62B/U
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)****Nom. Characteristic Impedance:**

Impedance (Ohm)

93

**Nom. Inductance:**

Inductance (µH/ft)

0.116

**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)

13.5

**Nominal Velocity of Propagation:**

VP (%)

84

**Nominal Delay:**

Delay (ns/ft)

1.21

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

59.0

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

2.9

**Nom. Attenuation:**

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

1	0.3
10	0.9
50	2.0
100	2.9
200	4.2
400	6.1
700	8.6
900	10.1
1000	11.1

**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:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8255 0101000	1,000 FT	36.000 LB	BLACK	C	RG-62B/U TYPE 93OHM COAX
8255 010500	500 FT	18.500 LB	BLACK		RG-62B/U TYPE 93OHM COAX

**Notes:**

C = CRATE REEL PUT-UP.

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