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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
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

Plenum/Non-Plenum

Plenum (Y/N): No

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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8255 Coax - 93 Ohm