Detailed Specifications & Technical Data

ENGLISH 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:



Total Number of Conductors:

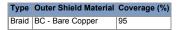
Insulation

Insulation Material:

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

Outer Shield

Outer Shield Material:



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

Page 1 of 3 11-05-2015

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8255 Coax - 93 Ohm

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

Nom. Inductance:

Inductance (µH/ft) 0.116

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft) 13.5

Nominal Velocity of Propagation:

VP (%)

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)

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	С	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.

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

© 2015 Belden, Inc All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU ROHS (Directive 2002/95EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification.

Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

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

Page 2 of 3 11-05-2015

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8255 Coax - 93 Ohm

Page 3 of 3 11-05-2015