

9310

Part Number: 9310



Product Description

RG-58/U type, 20 AWG solid .033" bare copper conductor, polyethylene insulation, Duobond® II + tinned copper braid shield (55% coverage), PVC jacket.

Product Specifications

Conductor

Total Number of Conductors:

1

Technical Specifications

APAC Standard

MIL Order #39 (China RoHS):

Yes

Bend Radius

Min Bend Radius/Minor Axis:

2 in

CCB-Sub-Part Number

Plenum (Y/N):

No

Contact Information

PHONE_NUM:

1-800-Belden1

EMEA Standard

EU Directive Compliance:

EU Directive 2003/11/EC (BFR)

Environmental Characteristics

Operating Temp Range:	-40°C To +60°C
-----------------------	----------------

EU Directive

EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
RG Type:	58/U
UL AWM Style:	UL Style 1354 (30 V 60°C)

Temperature Range

UL Temp Rating:	60°C (UL AWM Style 1354)
-----------------	--------------------------

Use

Max Recommended Pulling Tension:	12.4 lbs
----------------------------------	----------

Impedance:

Nominal Characteristic Impedance
50 Ohm

Inductance:

Nominal Inductance
0.09 μ H/ft

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
9.4 Ohm/1000ft	8 Ohm/1000ft

Delay:

Nominal Delay	Nominal Velocity of Propagation (VP)
1.54 ns/ft	66 %

Voltage:

Non-UL Voltage Rating	UL Voltage Rating
-----------------------	-------------------

1400V RMS	30V RMS (UL AWM Style 1354)
-----------	-----------------------------

Capacitance:

Nominal Capacitance Conductor to Shield

30.8 pF/ft

High Frequency (Nominal/Typical):

Frequency (MHz)	Nom. Insertion Loss
1 MHz	0.46 db/100ft
10 MHz	1.4 db/100ft
50 MHz	2.8 db/100ft
100 MHz	3.8 db/100ft
200 MHz	5.4 db/100ft
400 MHz	7.9 db/100ft
700 MHz	11.1 db/100ft
900 MHz	12.8 db/100ft
1000 MHz	13.9 db/100ft

Insulation:

Material	Nominal Diameter
PE - Polyethylene	0.114 in

Outerjacket 1:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.193 in

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Coax
20	Solid	BC - Bare Copper	0.033 in	1

Outershield 1:

Type	Layer	Material	Material Trade Name	Coverage
Tape	1	Bonded Aluminum Foil-Polyester Tape-Aluminum Foil	Bonded Duofoil®	100 %

Braid	2	TC - Tinned Copper	55 %
-------	---	--------------------	------

Product Variants

Part Number	Color	Put-Up Type	Length
9310 0101000	BLACK	Reel	1000 ft
9310 010500	BLACK	Reel	500 ft
9310 010U1000	BLACK	UnReel	1000 ft

© 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 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 2002/95/EC, 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, and the identification of materials listed as reportable or restricted within the 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.

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