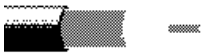
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

9201 Coax - RG-58/U Type



For more Information please call

1-800-Belden1

General Description:

RG-58/U type, 20 AWG solid .033" bare copper conductor, polyethylene insulation, bare copper braid shield (80% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	20	Solid	BC - Bare Copper	.033

Total Number of Conductors:	1

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PE - Polyethylene	.116

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	80.000

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter:	0.193 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
Non-UL Temperature Rating:	75°C
Bulk Cable Weight:	23 lbs/1000 ft.
Max. Recommended Pulling Tension:	37 lbs.
Min. Bend Radius/Minor Axis:	2 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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):	01/01/2004
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:	58/U

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
52

Nom. Inductance:

Inductance (µH/ft)
0.0801

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
28.5

Nominal Velocity of Propagation:

VP (%)
66

Nominal Delay:

Delay (ns/ft)
1.54

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
10.0

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
5.5

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.3
10	1.1
50	2.5
100	3.8
200	5.6
400	8.4
700	11.7
900	13.7
1000	14.5

Max. Operating Voltage - Non-UL:

Voltage
1400 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9201 010U1000	1,000 FT	25.000 LB	BLACK		#20PE BRD PVCRG58/U TYPE
9201 010U500	500 FT	13.000 LB	BLACK		#20PE BRD PVCRG58/U TYPE
9201 0101000	1,000 FT	25.000 LB	BLACK	C	#20PE BRD PVCRG58/U TYPE
9201 010500	500 FT	13.500 LB	BLACK		#20PE BRD PVCRG58/U TYPE

Notes:
C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 09-24-2012

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

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