

## 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
MIL Order #39 (China RoHS):	Yes
RG Type:	58/U

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:

# Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

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**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 PVCRCG58/U TYPE
9201 010U500	500 FT	13.000 LB	BLACK		#20PE BRD PVCRCG58/U TYPE
9201 010I1000	1,000 FT	25.000 LB	BLACK	C	#20PE BRD PVCRCG58/U TYPE
9201 010500	500 FT	13.500 LB	BLACK		#20PE BRD PVCRCG58/U TYPE

**Notes:**

C = CRATE REEL PUT-UP.

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