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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

9201 Coax - RG-58/U Type

**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 PVC RG58/U TYPE
9201 010U500	500 FT	13.000 LB	BLACK		#20PE BRD PVC RG58/U TYPE
9201 010I1000	1,000 FT	25.000 LB	BLACK	C	#20PE BRD PVC RG58/U TYPE
9201 010500	500 FT	13.500 LB	BLACK		#20PE BRD PVC RG58/U TYPE

**Notes:**

C = CRATE REEL PUT-UP.

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