

9201 Coax - RG-58/U Type

For more Information
please call

1-800-Belden1

**Description:**

RG-58/U type, 20 AWG solid .033" bare copper conductor, polyethylene insulation, bare copper braid shield (78% coverage), PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	20	Solid	BC - Bare Copper	0.8382

Insulation**Insulation Material:**

Insulation Material	Dia. (mm)
PE - Polyethylene	2.9464

Outer Shield**Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	78

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling

Overall Nominal Diameter: 4.902 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
Non-UL Temperature Rating:	75°C
Bulk Cable Weight:	32.740 Kg/Km
Max. Recommended Pulling Tension:	164.583 N
Min. Bend Radius (Install)/Minor Axis:	50.800 mm

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

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
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)

52

Nom. Inductance:

Inductance (μH/m)

0.262808

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

93.5085

Nominal Velocity of Propagation:

VP (%)

66

Nominal Delay:

Delay (ns/m)

5.05274

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

32.81

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

18.0455

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1	0.9843
10	3.6091
50	8.2025
100	12.4678
200	18.3736
400	27.5604
700	38.3877
900	44.9497
1000	47.5745

Max. Operating Voltage - Non-UL:

Voltage

1400 V RMS

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9201 010U1000	305 MT	11.340 KG	BLACK		#20PE BRD PVC RG58/U TYPE
9201 010U500	152 MT	5.897 KG	BLACK		#20PE BRD PVC RG58/U TYPE
9201 010I1000	305 MT	10.433 KG	BLACK	C	#20PE BRD PVC RG58/U TYPE
9201 010I500	152 MT	5.216 KG	BLACK		#20PE BRD PVC RG58/U TYPE

Notes:

C = CRATE REEL PUT-UP.

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