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.) 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 **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): EU CE Mark: Yes EU Directive 2000/53/EC (ELV): Yes EU Directive 2002/95/EC (RoHS): 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

No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Plenum (Y/N):

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| Impedance (Ohm) |
|-----------------|
| 52 |

Nom. Inductance:

Inductance (µH/ft) 0.0801

Nom. Capacitance Conductor to Shield:



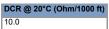
Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) | |
|--------------------------|---|
| 5.5 | 1 |

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 | С | #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 Date: 09-24-2012 Revision Number: 1

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