

**9311**

Part Number: 9311



## Product Description

RG-58A/U type, 20 AWG stranded (19x32) .037" tinned copper conductor, foam polyethylene insulation, Duobond® II &#43; tinned copper braid shield (55% acoverage), PVC jacket.

## Product Specifications

### Conductor

Total Number of Conductors:	1
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## Technical Specifications

### APAC Standard

MIL Order #39 (China RoHS):	Yes
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### Bend Radius

Min Bend Radius/Minor Axis:	2 in
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### CCB-Sub-Part Number

Plenum (Y/N):	No
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### Contact Information

PHONE_NUM:	1-800-Belden1
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### EMEA Standard

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
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### Environmental Characteristics

Operating Temp Range:	-40°C To +80°C
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## EU Directive

EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

## North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CM
NEC/(UL) Specification:	CM
RG Type:	58A/U
UL AWM Style:	UL Style 1354 (30 V 80°C)

## Safety

UL Flammability:	UL1685 UL Loading
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## Temperature Range

UL Temp Rating:	80°C (UL AWM Style 1354)
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### Impedance:

Nominal Characteristic Impedance
52 Ohm

### Inductance:

Nominal Inductance
0.065 $\mu$ H/ft

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
8.8 Ohm/1000ft	17 Ohm/1000ft

### Delay:

Nominal Delay	Nominal Velocity of Propagation (VP)
1.36 ns/ft	75 %

### Voltage:

**UL Voltage Rating**

300V RMS (CM)

30V RMS (UL AWM Style 1354)

**Capacitance:****Nominal Capacitance Conductor to Shield**

26 pF/ft

**High Frequency (Nominal/Typical):****Frequency (MHz)****Nom. Insertion Loss**

1 MHz

0.5 db/100ft

10 MHz

1.5 db/100ft

50 MHz

2.9 db/100ft

100 MHz

4 db/100ft

200 MHz

5.7 db/100ft

400 MHz

8.5 db/100ft

700 MHz

12.2 db/100ft

900 MHz

14.5 db/100ft

1000 MHz

15.8 db/100ft

**Insulation:****Material****Nominal Diameter**

FPE - Foam Polyethylene

0.114 in

**Outerjacket 1:****Material****Nominal Diameter**

PVC - Polyvinyl Chloride

0.193 in

**Conductor:****AWG****Stranding****Material****Nominal Diameter****No. of Coax**

20

19x32

TC - Tinned Copper

0.037 in

1

**Outershield 1:**

Type	Layer	Material	Material Trade Name	Coverage
Tape	1	Aluminum Foil- Polyester Tape- Aluminum Foil	Bonded Duofoil®	100 %
Braid	2	TC - Tinned Copper		55 %

## Product Variants

Part Number	Color	Put-Up Type	Length
9311 0101000	BLACK	Reel	1000 ft
9311 010500	BLACK	Reel	500 ft
9311 010U1000	BLACK	UnReel	1000 ft

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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.