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1-800-Belden1



## Description:

RG-58A/U type, 20 AWG stranded (19x33) .035" tinned copper conductor, polyethylene insulation, tinned copper braid shield (95% coverage), PVC jacket.

## Physical Characteristics (Overall)

### Conductor

**AWG:**

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	20	19x33	TC - Tinned Copper	0.889

### Insulation

**Insulation Material:**

Insulation Material	Dia. (mm)
PE - Polyethylene	2.9464

### Outer Shield

**Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	95

### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.6985

### Overall Cabling

**Overall Nominal Diameter:** 4.902 mm

## Mechanical Characteristics (Overall)

**Operating Temperature Range:** -40°C To +75°C

**Non-UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 35.717 Kg/Km

**Max. Recommended Pulling Tension:** 186.824 N

**Min. Bend Radius (Install)/Minor Axis:** 50.800 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

**EU CE Mark:** No

**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: 58A/U

### Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Suitability - Aerial: Yes - when supported by a messenger wire

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)

50

### Nom. Inductance:

Inductance (µH/m)

0.301852

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

101.055

### Nominal Velocity of Propagation:

VP (%)

66

### Nominal Delay:

Delay (ns/m)

5.05274

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

35.4348

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

13.4521

### Nom. Attenuation:

Freq. (MHz) Attenuation (dB/100m)

1	1.3124
10	4.9215
50	12.1397
100	17.7174
200	26.5761
400	40.6844
700	58.0737
900	69.2291
1000	74.8068

### 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
8259 010U1000	305 MT	11.793 KG	BLACK		RG-58A/U 50 OHMS COAX
8259 010U500	152 MT	6.350 KG	BLACK		RG-58A/U 50 OHMS COAX

8259 010100	30 MT	1.497 KG	BLACK		RG-58A/U 50 OHMS COAX
8259 0101000	305 MT	11.340 KG	BLACK	C	RG-58A/U 50 OHMS COAX
8259 010500	152 MT	5.670 KG	BLACK	C	RG-58A/U 50 OHMS COAX

**Notes:**

C = CRATE REEL PUT-UP.

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- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
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- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
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- Входной контроль качества.
- Наличие сертификата ISO.

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- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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