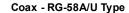
**Print Preview** 

**Show Metric** 

8219



RG-58A/U type, 20 AWG stranded (19x32) .037" tinned copper conductor, foam polyethylene insulation, tinned copper braid shield (95% coverage), PVC jacket.

For more Information Please call

1-800-Belden1



# **Put Ups and Colors:**

Item ##	Putup	Ship Weight	Color	Notes	Item Desc
8219 009U500	500 FT	14.000 LB	WHITE		RG58A/U TYPE COAX
8219 0091000	1,000 FT	28.000 LB	WHITE	С	RG58A/U TYPE COAX
8219 010U1000	1,000 FT	27.000 LB	BLACK		RG58A/U TYPE COAX
8219 010U500	500 FT	14.000 LB	BLACK		RG58A/U TYPE COAX
8219 0101000	1,000 FT	28.000 LB	BLACK	С	RG58A/U TYPE COAX
8219 010500	500 FT	14.500 LB	BLACK	С	RG58A/U TYPE COAX

Notes:

C = CRATE REEL PUT-UP.

## **Physical Characteristics (Overall)**

#### Conductor

AWG:

# Coax	AWG	Stranding	<b>Conductor Material</b>	Dia. (in.)
1	20	19x32	TC - Tinned Copper	.037

**Total Number of Conductors:** 

1

#### Insulation

#### Insulation Material:

Insulation Material Dia. (in.)
FPE - Foam Polyethylene .114

### **Outer Shield**

**Outer Shield Material:** 

Type Outer Shield Material Coverage (%)

Braid TC - Tinned Copper 95.000

#### **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

**UL Temperature Rating:** 80°C

Bulk Cable Weight: 25 lbs/1000 ft.

Max. Recommended Pulling Tension:50 lbs.Min. Bend Radius/Minor Axis:2 in.

## **Applicable Specifications and Agency Compliance (Overall)**

### **Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CM
CEC/C(UL) Specification: CM

AWM Specification: UL Style 1354

 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):

EU Directive 2003/11/EC (BFR):

CA Prop 65 (CJ for Wire & Cable):

MII Order #39 (China RoHS):

PMSHA Specification:

SC-182/5

RG Type:

Yes

Yes

Yes

Yes

Yes

### Flame Test

UL Flame Test: UL1685 UL Loading

Suitability

Suitability - Indoor:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No
Tienum (Tive).	
<b>Electrical Characteristics</b>	s (Overall)
Nom. Characteristic Impedance	e:
Impedance (Ohm) 54	
Nom. Inductance:	
Inductance (µH/ft)	
0.065	
Nom. Capacitance Conductor t	io Snield:
Capacitance (pF/ft)	
26.5	
Nominal Velocity of Propagation	on:
VP (%)	
73	
Nominal Delay:	
Delay (ns/ft)	
1.39	
Nom. Conductor DC Resistance	ee:
DCR @ 20°C (Ohm/1000 ft)	
8.8	
Nominal Outer Shield DC Resis	stance:
DCR @ 20°C (Ohm/1000 ft)	stance.
4.1	
Nom. Attenuation:	
Freq. (MHz) Attenuation (dB/10	00 ft.)
1 0.4	
10 1.3 50 3.1	
100 4.5	
200 6.6	
400 10.0	
700 14.2	
900 16.6	
1000 18.1	
Max. Operating Voltage - UL:	

#### Voltage

30 V RMS (UL AWM Style 1354) 300 V RMS (CM)

Other Electrical Characteristic 1:

Actual Impedance specification is 53.5 +/- 3 ohms.

Close

Revision Number: 2 Revision Date: 07-30-2013

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