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1-800-Belden1



## General Description:

RG-188A/U type, 26 AWG stranded (7x34) .0205" silver-plated copper-covered steel conductor, TFE Teflon® insulation, SPC braid shield (95% coverage), TFE tape jacket.

## Physical Characteristics (Overall)

### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	26	7x34	SPCCS - Silver Plated Copper Covered Steel	0.5207

Total Number of Conductors: 1

### Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Dia. (mm)
Teflon®	TFE - Tetrafluoroethylene	1.4732

### Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	SPC - Silver Plated Copper	95.000

### Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material
Teflon®	TFE - Tetrafluoroethylene

### Overall Cable

Overall Nominal Diameter: 2.489 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range: -70°C To +200°C

UL Temperature Rating: 200°C

Bulk Cable Weight: 16.370 Kg/Km

Max. Recommended Pulling Tension: 93.412 N

Min. Bend Radius/Minor Axis: 25.400 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

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): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

Military Specification: MIL-C-17D

RG Type: 188A/U

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

**Nom. Characteristic Impedance:**

**Impedance (Ohm)**  
50

**Nom. Inductance:**

**Inductance (µH/m)**  
0.219827

**Nom. Capacitance Conductor to Shield:**

**Capacitance (pF/m)**  
95.149

**Nominal Velocity of Propagation:**

**VP (%)**  
69.5

**Nominal Delay:**

**Delay (ns/m)**  
4.82307

**Nom. Conductor DC Resistance:**

**DCR @ 20°C (Ohm/km)**  
299.227

**Nominal Outer Shield DC Resistance:**

**DCR @ 20°C (Ohm/km)**  
27.8885

**Nom. Attenuation:**

Freq. (MHz)	Attenuation (dB/100m)
1	3.9372
10	8.8587
50	18.3736
100	27.2323
200	39.372
400	57.4175
700	77.7597
900	89.5713
1000	95.149

**Max. Operating Voltage - Non-UL:**

**Voltage**  
900 V RMS

## Notes (Overall)

**Notes:** Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83269 009100	100 FT	1.400 LB	WHITE	E	#26 COAX RG-188A/U
83269 0091000	1,000 FT	11.000 LB	WHITE	E	#26 COAX RG-188A/U
83269 009500	500 FT	5.500 LB	WHITE	E	#26 COAX RG-188A/U

**Notes:**

E = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'

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