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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
MII Order #39 (China RoHS):	Yes
Military Specification:	MIL-C-17D
RG Type:	188A/U

### Flame Test

UL Flame Test:	UL1685 UL Loading, VW-1
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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## 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	30 MT	0.635 KG	WHITE	E	#26 COAX RG-188A/U

## METRIC MEASUREMENT VERSION

### 83269 Coax - RG-188A/U Type

83269 0091000	305 MT	4.990 KG	WHITE	E	#26 COAX RG-188A/U
83269 009500	152 MT	2.495 KG	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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