

83269 Coax - RG-188A/U Type

For more Information
please call

1-800-Belden1

**Description:**

RG-188A/U type, 26 AWG stranded (7x34) .020" silver-plated copper-covered steel conductor, TFE Teflon® insulation, SPC braid shield (96% coverage), TFE tape jacket.

Physical Characteristics (Overall)**Conductor**

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	26	7x34	SPCCS - Silver Plated Copper Covered Steel	.0205

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Dia. (in.)
Teflon®	TFE - Tetrafluoroethylene	.058

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	SPC - Silver Plated Copper	96

Outer Jacket

Outer Jacket Material:

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

Overall Cable

Overall Nominal Diameter: 0.098 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 200°C

Bulk Cable Weight: 10 lbs/1000 ft.

Max. Recommended Pulling Tension: 21 lbs.

Min. Bend Radius (Install)/Minor Axis: 1.500 in.

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): 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

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

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Military Specification: MIL-C-17D

RG Type: 188A/U

Flame Test

UL Flame Test: UL1685 UL Loading, VW-1

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

50

Nom. Inductance:

Inductance (μH/ft)

0.067

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

29.0

Nominal Velocity of Propagation:

VP (%)

69.5

Nominal Delay:

Delay (ns/ft)

1.47

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

91.2

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

8.5

Nom. Attenuation:

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

1	1.2
10	2.7
50	5.6
100	8.3
200	12.0
400	17.5
700	23.7
900	27.3
1000	29.0

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.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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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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