

**83269**

Part Number: 83269



## Product 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.

## Product Specifications

### Conductor

Total Number of Conductors:	1
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## Technical Specifications

### APAC Standard

MIl Order #39 (China RoHS):	Yes
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### Bend Radius

Min Bend Radius/Minor Axis:	1 in
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### CCB-Part Number

Notes:	Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.
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### CCB-Sub-Part Number

Plenum (Y/N):	No
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## Contact Information

PHONE_NUM:	1-800-Belden1
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## EMEA Standard

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
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## Environmental Characteristics

Operating Temp Range:	-70°C To +200°C
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## EU Directive

EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01

## North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
Military Specification:	MIL-C-17D
RG Type:	188A/U

## Safety

UL Flammability:	UL1685 UL Loading, VW-1
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## Temperature Range

UL Temp Rating:	200°C
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## Use

Max Recommended Pulling Tension:	21 lbs
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### Impedance:

<b>Nominal Characteristic Impedance</b>
50 Ohm

### Inductance:

<b>Nominal Inductance</b>
0.067 $\mu$ H/ft

### Conductor DCR:

<b>Nominal Conductor DCR</b>	<b>Nominal Outer Shield DCR</b>
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91.2 Ohm/1000ft	8.5 Ohm/1000ft
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**Delay:**

Nominal Delay	Nominal Velocity of Propagation (VP)
1.47 ns/ft	69.5 %

**Voltage:**

Non-UL Voltage Rating
900V RMS

**Capacitance:**

Nominal Capacitance Conductor to Shield
29 pF/ft

**High Frequency (Nominal/Typical):**

Frequency (MHz)	Nom. Insertion Loss
1 MHz	1.2 db/100ft
10 MHz	2.7 db/100ft
50 MHz	5.6 db/100ft
100 MHz	8.3 db/100ft
200 MHz	12 db/100ft
400 MHz	17.5 db/100ft
700 MHz	23.7 db/100ft
900 MHz	27.3 db/100ft
1000 MHz	29 db/100ft

**Insulation:**

Material	Material Trade Name	Nominal Diameter
TFE - Tetrafluoroethylene	Teflon®	0.058 in

**Outerjacket 1:**

Material	Material Trade Name	Nominal Diameter
TFE - Tetrafluoroethylene	Teflon®	0.098 in

**Conductor:**

AWG	Stranding	Material	Nominal Diameter	No. of Coax
26	7x34	SPCCS - Silver Plated Copper Covered Steel	0.0205 in	1

**Outershield 1:**

Type	Material	Coverage
Braid	SPC - Silver Plated Copper	95 %

**Product Variants**

Part Number	Color	Put-Up Type	Length
83269 0091000	WHITE	Reel	1000 ft
83269 009100	WHITE	Reel	100 ft
83269 009500	WHITE	Reel	500 ft

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.