

## Detailed Specifications & Technical Data



勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-54151736  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

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



For more information please  
call

1-800-Belden1

See Put-ups and Colors

#### 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:

##### CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
RG Type	188A/U
AWG	26
Stranding	7x34
Conductor Diameter	.0205 in.
Conductor Material	SPCCS - Silver Plated Copper Covered Steel

##### INSULATION:

Insulation Material Trade Name	Teflon®
Insulation Material	TFE - Tetrafluoroethylene
Insulation Diameter	.058 in.

##### OUTER SHIELD:

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

##### OUTER JACKET:

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

##### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.098 in.
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#### MECHANICAL CHARACTERISTICS:

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.

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Min. Bend Radius (Install) 1.5 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

EU CE Mark (Y/N) No  
 EU RoHS Compliant (Y/N) Yes  
 EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005  
 Military Specification MIL-C-17D

#### FLAME TEST:

UL Flame Test UL1685 UL Loading, VW-1

#### PLENUM/NON-PLENUM:

Plenum (Y/N) N

#### ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance 50 Ohms  
 Nom. Inductance 0.067  $\mu$ H/ft  
 Nom. Capacitance Conductor to Shield 29.0 pF/ft  
 Nominal Velocity of Propagation 69.5 %  
 Nominal Delay 1.47 ns/ft  
 Nom. Conductor DC Resistance @ 20 Deg. C 91.2 Ohms/1000 ft  
 Nominal Outer Shield DC Resistance @ 20 Deg.C 8.5 Ohms/1000 ft

#### Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. 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 - UL 900 V RMS

#### NOTES:

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	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
83269 009100	#26 COAX RG-188A/U	100	1.4	WHITE	E

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

83269 0091000	#26 COAX RG-188A/U	1000	11	WHITE	E
83269 009500	#26 COAX RG-188A/U	500	5.5	WHITE	E

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

Revision Number: 1      Revision Date: 07-08-2005

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