

	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

26 AWG stranded (7x34) .020" silver-plated copper-covered steel conductor, TFE Teflon® insulation, silver-plated copper braid shield (95% coverage), FEP jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
RG Type	316/U
AWG	26
Stranding	7x34
Conductor Diameter	.020 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	95 %

OUTER JACKET:

Outer Jacket Material	FEP - Fluorinated Ethylene Propylene
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.098 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-70°C To +200°C
Non-UL Temperature Rating	200°C
Bulk Cable Weight	10 lbs/1000 ft.
Max. Recommended Pulling Tension	21 lbs.

Min. Bend Radius (Install)	1 in.
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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	M17/172-00001

FLAME TEST:

UL Flame Test	UL1685 UL Loading, VW-1
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	50 Ohms
Nom. Inductance	0.067 μ H/ft
Nom. Capacitance Conductor to Shield	29.0 pF/ft
Nominal Velocity of Propagation	69.5 %
Nominal Delay	1.48 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	84.1 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20°C	6.5 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 - Other :

Other Voltage	Description
Military Specification	900 V RMS

NOTES:

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

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
83284 009100	#26TFE BRD RG-316/U COAX	100	1.2	WHITE	E
83284 0091000	#26TFE BRD RG-316/U COAX	1000	11	WHITE	E
83284 009500	#26TFE BRD RG-316/U COAX	500	5.5	WHITE	E

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

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