



# CROWN ELECTRONICS



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## RG-316 DATA SHEET

### CONSTRUCTION PARAMETERS:

		<u>OD (in.)</u>
CONDUCTORS:	SOLID SPCW (SILVER-PLATED COPPERWELD)	0.020
DIELECTRIC:	EXTRUDED PTFE	0.060
SHIELDING:	SINGLE BRAIDED 34 SPC	0.078
JACKET:	EXTRUDED FEP	0.098

### ELECTRICAL PROPERTIES:

CONDUCTOR RESISTANCE:	8.41 ohm Max/100 ft.
IMPEDANCE:	50 ohm
CAPACITANCE:	32 pF/ft
VELOCITY OF PROPOGATION:	70%

### CABLE CROSS-SECTION



### ATTENUATION:

(Max. db/100 ft):	100 MHz	11
	400MHz	21
	1000 MHz	38

### MISCELLANEOUS INFORMATION:

JACKET COLOR:	BROWN-TRANSPARENT
FLAME RATING:	PASSES IEC 60332-3-24
FLAMMABILITY:	PASSES UL 94 V-0
MAX. TEMPERATURE RATING:	-55 / 200° C
MAX. OPERATING VOLTS:	900
APPROX. WEIGHT (lb/1000ft):	9.89

**\*\*\*THIS PRODUCT COMPLIES WITH EUROPEAN DIRECTIVE 2002/95/EC (RoHS)\*\*\***