



# CROWN RF



2005A Industrial Blvd. Rockwall, TX 75087 972-771-4711 972-771-9499 (fax) 800-225-3429 (toll free)  
[sales@crownerf.com](mailto:sales@crownerf.com) [www.crownerf.com](http://www.crownerf.com)

## RG-223/U DATA SHEET

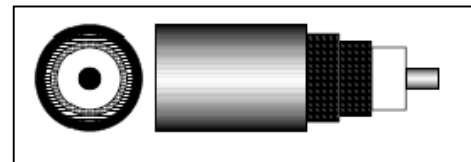
### CONSTRUCTION PARAMETERS:

		<u>WALL (in.)</u>	<u>OD (in.)</u>
CONDUCTORS:	19 AWG (1/.035) SILVER PLATED COPPER		0.035
DIELECTRIC:	SOLID POLYETHYLENE COLOR NATURAL	0.041	0.116
1 <sup>ST</sup> SHIELDING:	96% SILVER PLATED COPPER BRAID		0.138
2 <sup>ND</sup> SHIELDING:	98% SILVER PLATED COPPER BRAID		0.160
JACKET:	TYPE II PVC (NON-CONTAMINATING VINYL)	0.026	0.212

### ELECTRICAL PROPERTIES:

CONDUCTOR RESISTANCE:	8 ohms / kft.
IMPEDANCE:	50 ohm
CAPACITANCE:	30.8 pF/ft
VELOCITY OF PROPAGATION:	66%

### CABLE CROSS-SECTION



### ATTENUATION:

(Max. db/100 ft):	50 MHz	2.8
	100 MHz	4.1
	200 MHz	6
	500 MHz	9
	900 MHz	13.6
	1000 MHz	14.3

### MISCELLANEOUS INFORMATION:

UL RATING:	CL2X AND RECOGNIZED COMPONENT AWM STYLE 1354
JACKET COLOR:	BLACK
JACKET PRINT (WHITE):	RG-223 TYPE CL2X 19 AWG (UL) E100316 OR AWM 1354
FLAME RATING:	UL-1581 VW-1 VERTICAL FLAME TEST
MAX. TEMPERATURE RATING:	75° C
MAX. VOLTAGE RATING (UL):	30 V RMS (UL AWM STYLE 1354)
MAX. VOLTAGE RATING (NON-UL):	1900 V RMS
APPROX. WEIGHT (lb/1000ft):	37

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