



# CROWN RF



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## RG-214 DATA SHEET

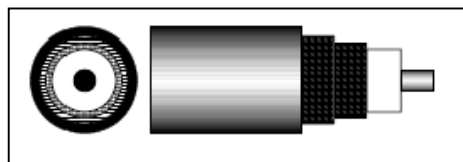
### CONSTRUCTION PARAMETERS:

		<u>WALL (in.)</u>	<u>OD (in.)</u>
CONDUCTORS:	12.7 AWG (7/.030) STRANDED SILVER COATED COPPER		0.089
DIELECTRIC:	SOLID POLYETHYLENE COLOR NATURAL	0.098	0.285
1 <sup>ST</sup> SHIELDING:	96% SILVER COATED COPPER BRAID		0.313
2 <sup>ND</sup> SHIELDING:	98% SILVER COATED COPPER BRAID		0.341
JACKET:	PVC (NON-CONTAMINATING VINYL)	0.042	0.425

### ELECTRICAL PROPERTIES:

CONDUCTOR RESISTANCE:	0.17 Max / 100 ft.
IMPEDANCE:	50 ohm
CAPACITANCE:	30.8 pF/ft
VELOCITY OF PROPAGATION:	66%

### CABLE CROSS-SECTION



### ATTENUATION:

(Max. db/100 ft):	50 MHz	1.6
	100 MHz	2.2
	200 MHz	3.2
	500 MHz	4.7
	900 MHz	8.8
	1000 MHz	8.9
	4000 MHz	21.5

### MISCELLANEOUS INFORMATION:

UL RATING:	UL LISTED AS CL2X UL RECOGNIZED COMPONENT AWM STYLE 1354
JACKET COLOR:	BLACK
JACKET PRINT (TEAL/AQUA):	RG-214/U 13 AWG TYPE CL2X 75 C (UL) OR AWM STYLE 1354 WO# XXXXXX
FLAME RATING:	UL-1581 VW-1 VERTICAL FLAME TEST
MAX. TEMPERATURE RATING:	75° C
MAX. VOLTAGE RATING (UL):	300 V RMS (NEC) / 30 V RMS (UL AWM STYLE 1354)
MAX. VOLTAGE RATING (NON-UL):	3700 V RMS (MIL-SPEC)
APPROX. WEIGHT (lb/1000ft):	138

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