


RG047AL

Semi Rigid and Conformable 50 Ohms Coaxial Cable

	PART NUMBER:	RG047AL
	CATAGORY:	SEMI-RIGID
	DESCRIPTION:	CABLE
	IMPEDANCE:	50 OHMS
	DIELECTRIC:	TEFLON
	OUTER CONDUCTOR:	TIN PLATED AL
CENTER CONDUCTOR:	SILVER PLATED COPPER WELD	

DIMENSIONS:

OUTER CONDUCTOR:	0.047" DIAMETER
DIELECTRIC:	0.037" DIAMETER
CENTER CONDUCTOR:	0.0113" DIAMETER

MECHANICAL CHARACTERISTICS:

OPERATING TEMPERATURE RANGE:	-65 TO 125 C
MINIMUM INSIDE BEND DIAMETER:	0.05 IN.
MAXIMUM WEIGHT:	0.21 LBS/100FT

ELECTRICAL CHARACTERISTICS:

CAPACITANCE:	29 pF/FT
CORONA EXTINCTION VOLTAGE:	1000 VRMS @ 60 Hz
MAX OPERATING VOLTAGE:	2000 VRMS @ 60 Hz
FREQUENCY RANGE:	DC TO 108

MAXIMUM ATTENUATION: (dB/100ft)

A. 500 MHz:	28
B. 1 GHz:	40
C. 3 GHz:	70
D. 5 GHz:	90
E. 10 GHz:	130
F. 20 GHz:	190

MAXIMUM POWER: (WATTS)

A. 500 MHz:	45
B. 1 GHz:	32
C. 3 GHz:	18
D. 5 GHz:	13
E. 10 GHz:	09
F. 20 GHz:	6.5