

RG034

SEMI-RIGID RG034 50 OHM COAX CABLE 0.034" DIAMETER OUTER COPPER CONDUCTOR



PART NUMBER:	RG034
CATEGORY:	SEMI-RIGID
DESCRIPTION:	COAXIAL CABLE
IMPEDANCE:	50 OHMS
DIELECTRIC:	TEFLON
OUTER CONDUCTOR:	COPPER
CENTER CONDUCTOR:	SPCW

DIMENSIONS:

OUTER CONDUCTOR:	0.034 DIAMETER
DIELECTRIC:	0.026 DIAMETER
CENTER CONDUCTOR:	0.0080 DIAMETER

MECHANICAL CHARACTERISTICS:

LENGTH:	15 FT
OUTER CONDUCTOR INTEGRITY TEMPERATURE:	302 °F
OPERATING TEMPERATURE (MAX):	257 °F
INSIDE BEND RADIUS (MINIMUM)	0.050 IN
WEIGHT:	0.22 LBS PER 100 FT

ELECTRICAL CHARACTERISTICS:

CAPACITANCE:	29.0 PF/FT
CORONA EXTINCTION VOLTAGE VRMS@60HZ:	750
VOLTAGE WITHSTANDING VRMS@60HZ 2100	2100
HIGHER ORDER MODE FREQUENCY:	155.0 GHZ
ATTENUATION (dB/100ft):	
A. 0.5 GHz:	34
B. 1.0 GHz:	48.3
C. 5.0 GHz:	110.4
D. 10.0 GHz:	158.5
E. 18 GHz:	216.5
POWER (WATTS):	
A. 0.5 GHz:	35.7
B. 1.0 GHz:	25.2
C. 5.0 GHz:	11.1
D. 10.0 GHz:	7.7
E. 18.0 GHz:	5.7