



RG 179 CABLE

CONSTRUCTION		
Item	Material	Diameter (mm)
Inner Conductor	Silver plated copper clad steel	7 / 0.1 ±0.03
Dielectric	PTFE	1.6 ±0.08
Shield	95% Silver plated copper braid	2.06 ±0.1
Jacket	FEP	2.54 ±0.13
ELECTRICAL SPECIFICATION		
Maximum operating frequency (MHZ)	3,000	
Impedence (Ω)	75 ±3	
Capacitance (pF/m)	64	
Velocity of Propagation (%)	69.5	
Maximum operating voltage (Vrms)	1,200	
Voltage withstand (Vrms)	2,000	
Conductor DCR (Ohm / km)	800.5	
Outer shield DCR (Ohm / km)	27.9	
Spark test (Vrms)	2,000	
Operating Temperature Range	-55 to 200	
ATTENUATION AT 20°C (dB/100m)		
Frequency (MHz)	Maximum (dB / 100 ft)	Maximum (dB / 100 m)
10	5.3	17.4
50	7	23
100	8.2	26.9
200	12.5	41
400	16	52.5
700	19.7	64.6
900	25.5	83.7
1000	26.3	86.3