



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
Impedance (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 (°C)	-55 to 200

Attenuation (at 20°C)		
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