



## Coaxial cable RG179

### Construction

	Material	Diameter(mm)
Inner Conductor	SPCCS	7*0.10
Dielectric	PTFE	1.60
Shield	SPC Braid	95%
Jacket	FEP	2.54

### Electrical Characteristics

Capacitance (pF/m)	64.0
Impedance ( $\Omega$ )	75.0
Velocity of Propagation (%)	69.5
Conductor DCR (Ohm/km)	800.5
Outer Shield DCR (Ohm/km)	27.9
Max Operating Frequency (MHZ)	3000.0
Max Operating Voltage (RMS)	1200.0
Operating Temp Range ( $^{\circ}\text{C}$ )	-55to200

### Attenuation(20 $^{\circ}\text{C}$ )

Frequency (MHZ)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
10	5.3	17.4
50	8.5	27.9
100	10.0	32.8
200	12.5	41.0
400	16.0	52.5
700	19.7	64.6
900	22.3	73.2
1000	24.0	78.7

