

Datasheet

RG179 Coaxial Cable

9060638 & 9060632

RG179 B/U

Construction



Cable Marking: RG179 B/U FEP

Item	Material	Diameter (inch/mm)
Inner Conductor	Silver Plated Copper Clad Steel	7/ 0.10 ± 0.03
Dielectric	PTFE(Nature)	1.60 ± 0.08
Shield	Silver Plated Copper Braid(16/5/0.10)	95% ± 5%
Jacket	FEP(Brown)	2.54 ± 0.13

Electrical Characteristics

Capacitance (pF/m)	64.0
Impedance (Ω)	75 ± 3
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
Corona Extinction voltage (VRMS)	1200.0
Voltage Withstand (VRMS)	2000.0
Spark Test (VRMS)	2000.0
Operating Temp Range (°C)	-55 to 200

Attenuation (@ 20 °C)

Frequency (MHz)	Attenuation (dB/100ft)	Attenuation (dB/100m)
10	5.3	17.4
50	7.0	23.0
100	8.2	26.9
200	12.5	41.5
400	16.0	51.8
700	19.7	62.5
900	25.5	78.7
1000	28.3	86.3