



RG 59 CABLE

CONSTRUCTION		
Item	Material	Diameter (mm)
Center Conductor	20 AWG Solid Bare Copper	0.81
Dielectric	Gas Expanded Polyethylene (Foam PE)	3.66
Shield	Bare Copper Wire Braid	4.14
Jacket	PVC	6.10

ELECTRICAL SPECIFICATION	
Frequency Range	DC 1000 MHz
Impedance	75 Ω
Velocity of Propagation	66 %
Operating Voltage (AC)	2300 Vrms
Weight	0.06 kg / m
Nominal Capacitance	20.4 pF/ft / 66.93 pF/m
Operating Temperature	-25 to +70 (°C)

ATTENUATION AT 20°C (dB/100m)		
Frequency (MHz)	Maximum (dB / 100 ft)	Maximum (dB / 100 m)
1	0.30	0.98
10	0.84	2.75
50	1.88	6.16
100	2.71	8.89
200	3.94	12.92
400	5.85	19.18
700	8.42	27.61
900	9.83	32.23
1000	10.20	33.44