



RG 59 CABLE

CONSTRUCTION		
Item	Material	Diameter (mm)
Dielectric	Gas Expanded Polyethylene (Foam PE)	3.66
Shield	Bare Copper Wire Braid	4.14
Jacket	PVC	6.10
Center Conductor	20 AWG Solid Bare Copper	0.81
ELECTRICAL SPECIFICATION		
Frequency Range	DC 1000 MHz	
Impedence (Ω)	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 Range	-25 to +70 ($^{\circ}$ C)	
ATTENUATION AT 20 $^{\circ}$ C (dB/100m)		
Frequency (MHz)	Maximum (dB / 100 ft)	Maximum (dB / 100 m)
1	0.30	0.98
10	0.84	2.75
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