

RG213 /U**Construction**

	Material	Diameter (inch/mm)	
Inner Conductor	Stranded Bare Copper	7/0.029	7/0.75
Dielectric	Solid PE	0.285	7.25
Shield	95% Bare Copper Braid	0.321	8.15
Jacket	PVC	0.406	10.30

Electrical Characteristics

Capacitance (pF/m)	101.0
Impedance (Ω)	50.0
Velocity of Propagation (%)	66.0
Conductor DCR (Ohm/km)	5.6
Outer Shield DCR (Ohm/km)	3.9
Max Operating Frequency (MHz)	11000.0
Max Operating Voltage (RMS)	3700.0
Operating Temp Range ($^{\circ}\text{C}$)	-40 to 85

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

Frequency(MHz)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
10	0.6	1.8
50	1.3	4.3
100	1.9	6.2
200	2.9	9.5
400	4.2	13.8
600	5.5	18.2
860	6.8	22.3
1000	7.5	24.5
1500	9.6	31.5
2000	11.1	36.4
3000	14.2	46.6
5000	19.6	64.2
11000	34.2	112.2