RG214

Construction

	Material	Diameter(mm)
Inner Conductor	TC/SC	0.75
Dielectric	Solid PE	7.25
First Shield	TC /SC	95%
Second Shield	TC /SC	95%
Jacket	PVC	10.80

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)	2.3
Max Operating Frequency (MHZ)	11000.0
Max Operating Voltage (RMS)	3700.0
Operating Temp Range (℃)	－40to 85

Attenuation(20℃)

Frequency (MHZ)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
10	0.5	1.6
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

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