



Coaxial cable RG223

Construction

	Material	Diameter(mm)
Inner Conductor	TC/SC	0.90
Dielectric	Solid PE	2.95
Shield	TC/SC Braid	95%
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Jacket	PVC	5.30

Electrical Characteristics

Capacitance (pF/m)	101.0
Impedance (Ω)	50.0
Velocity of Propagation (%)	66.0
Conductor DCR (Ohm/km)	28.9
Outer Shield DCR (Ohm/km)	8.2
Max Operating Frequency (MHZ)	12400.0
Max Operating Voltage (RMS)	1900.0
Operating Temp Range ($^{\circ}\text{C}$)	-40to 85

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

Frequency (MHZ)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
50	3.2	10.5
200	6.3	20.7
400	9.1	29.8
600	10.8	35.5
860	13.3	43.5
1000	14.6	47.8
3000	25.4	83.2
5000	33.5	109.9
11000	54.1	177.5

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