

Coaxial Cable RG142



Construction

Item	Material	Diameter(mm)
Inner Conductor	Sliver Plated Copper	1*0.94
Insulation	PTFE	2.95
First Shield	Sliver Plated Copper Braid 95% Coverage	3.60
Second Shield	Sliver Plated Copper Braid 95% Coverage	4.20
Jacket	FEP	4.95

Electrical Characteristics

Capacitance (pF/m)	96.5
Impedance (Ω)	50.0
Velocity of Propagation (%)	70.0
Bending Radius(mm)	25
Max Operating Frequency (MHz)	8000
Max Operating Voltage(VRMS)	1900.0
Operating Temperature($^{\circ}$ C)	-55 to +200

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

Frequency(MHz)	Max Attenuation(dB/100m)
100	12.5
400	25.6
1000	42.0
3000	78.1
5000	105.0