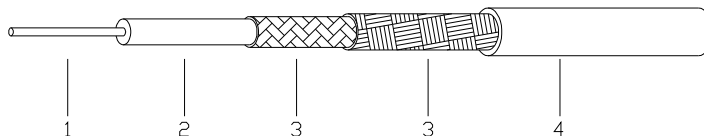


RG142PUR



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper Clad Steel	0.92	0.036
2. Dielectric	Solid Polyethylene	2.95	0.116
3. Outer Conductor	Double Silver Plated Copper Braid	3.85	0.152
4. Jacket	Blue PUR	4.90	0.193

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	70%
Capacitance	95 Pf/m 27.57 Pf/Ft
Voltage Withstand (V.DC)	1900
Operation Frequency (GHz)	12.4

Mechanical Characteristics

Min.Bending Radius (mm)	25
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Environmental Characteristics

Operating Temp(°C)	-40~+85
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Attenuation & Average Power @ 20°C and Seal Level

Frequency(MHz)	Attenuation	
	dB/1m	dB/1Ft
900	0.390	0.119
1500	0.515	0.157
1800	0.581	0.177
2000	0.612	0.187
2500	0.704	0.215
3000	0.772	0.235
3500	0.846	0.258
4500	0.985	0.300
5500	1.113	0.339
6000	1.182	0.360
8000	1.575	0.480
10000	1.750	0.534