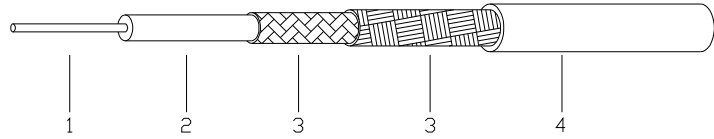


RG142PUR



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

Environmental Characteristics	
Operating Temp(°C)	-40~+85

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	