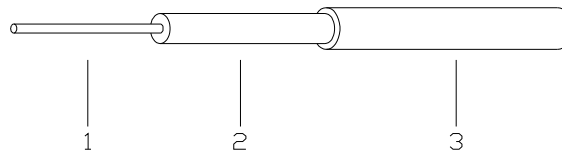


SR034PFA



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.20	0.008
2. Dielectric	PFA	0.66	0.026
3. Outer Conductor	Copper Tube	0.88	0.035

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	70%
Voltage Withstand (V.DC)	400 V

Mechanical Characteristics

Min.Bending Radius (mm)	3
-------------------------	---

Environmental Characteristics

Operating Temp(°C)	-270~+125
--------------------	-----------

Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation				Avg.Power (KW)
	dB/1m @300K	dB/1Ft @300K	dB/1m @4K	dB/1Ft @4K	
0.5	1.270	0.3871	0.825	0.2515	0.350
1.0	1.844	0.5621	1.199	0.3655	0.241
2	2.705	0.8245	1.758	0.5358	0.164
3	3.404	1.0375	2.212	0.6742	0.131
4	4.019	1.2250	2.612	0.7961	0.111
5	4.580	1.3960	2.977	0.9074	0.097
6	5.103	1.5554	3.317	1.0110	0.087
7	5.598	1.7063	3.639	1.1092	0.079
8	6.070	1.8501	3.945	1.2024	0.073
8.5	6.298	1.9196	4.094	1.2479	0.071
9	6.523	1.9882	4.240	1.2924	0.068
10	6.960	2.1214	4.524	1.3789	0.064