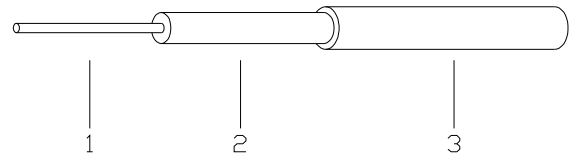


SR086AP-LL



Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper	0.56
2.Dielectric	LD PTFE	1.68
3.Outer Conductor	Albaloy plated copper tube	2.28

Electrical Characteristics

Capacitance(PF/m)	86.8
Impedance(ohm)	50
Velocity of Propagation(%)	76
Time Delay(ns/m)	4.39
Voltage Withstanding (VRMS@60Hz)	4800
Moding Frequency(GHz)	65

Mechanical Characteristics

Min. Inside Bend Radius(mm)	6.35
Weight(Kg/m)	0.02
Operating Temp.(°C)	-65 to +250

Attenuation & Average Power @ 25°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power (Watts CW)
0.1	17.28	827
0.5	38.8	368
1.0	55.04	259
3.0	96.09	149
10.0	187.54	74.9
18.0	255.08	55.3
26.5	313.12	45.1
40	390.82	36.3
50	440.98	32.3
65	509.18	28