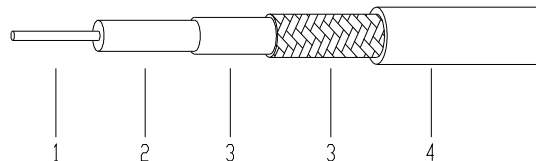


EP090



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.51	0.020
2. Dielectric	LD PTFE	1.52	0.060
3. Outer Conductor	Bonded Aluminum Foil + Silver Plated Copper	1.95	0.077
4. Jacket	FEP	2.3	0.091

Electrical Characteristics

Impedance	50 ohm
Capacitance	96 pF/m 31.51 pF/Ft
Velocity of Propagation	76%
Operating Frequency	18 GHz

Mechanical Characteristics

Cable Minimum Static Bend Radius	12 mm 0.47 inch
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Environmental Characteristics

Operating Temp(°C)	-65~+165
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Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation	
	dB/1m	dB/1Ft
0.5	0.46	0.14
1	0.63	0.19
3	1.07	0.33
4	1.23	0.38
6	1.51	0.46
8	1.75	0.53
10	1.97	0.60
12	2.16	0.66
15	2.41	0.73
18	2.65	0.81
26.5	3.26	0.99
40	4.11	1.25