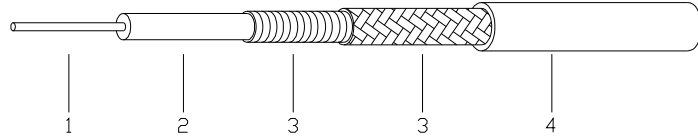


AFlex-141



Construction Specification

	Material	Diameter	
		mm	inch
1.Inner Conductor	Silver Plated Copper	0.91	0.036
2.Dielectric	PTFE	3.00	0.118
3.Outer Conductor	Sprial Wrapped Silver Plated Copper Tape †Silver Plated Copper	3.58	0.141
4.Jacket	FEP	4.06	0.160

Electrical Characteristics & Mechanical Characteristics

Impedance	50 Ohms
Capacitance	96.1 pF/m 29.3pF/Ft
Velocity of Propagation	70%
Cut-off Frequency	33.86 GHz

Mechanical Characteristics

Cable Minimum Static Bend Radius	6.4 mm .25 inch
Weight	49 g/m 0.033 lbs/ft

Environmental Characteristics

Operating Temp.(°C)	-65 ~ +125
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Attenuation(Typical) & Average Power @ 25°C and Seal Leavel(Maximum)

Frequency(GHz)	Attenuation		Power(Watts CW)
	dB/100 m	dB/100 Ft	
0.05	7.87	2.4	1386
0.1	11.15	3.4	980
0.5	26.23	8.0	418
1.0	38.03	11.6	290
2.0	56.07	17.1	198
4.0	84.26	25.7	132
6.0	107.54	32.8	105
10.0	147.54	45.0	78
12.0	165.90	50.6	69
16.0	199.67	60.9	58
18.0	216.07	65.9	54
26.5	280.33	85.5	41
35.0	362.00	110.4	26
40.0	409.00	124.7	21