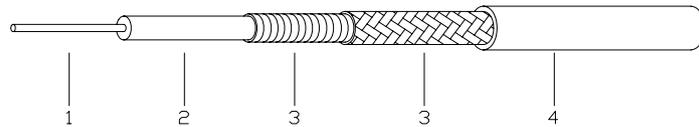


AFlex-086



Construction Specification

	Material	Diameter	
		mm	inch
1.Inner Conductor	Silver Plated Copper	0.51	0.020
2.Dielectric	PTFE	1.63	0.064
3.Outer Conductor	Spiral Wrapped Silver Plated Copper Tape + Silver Plated Copper	2.16	0.085
4.Jacket	FEP	2.64	0.104

Electrical Characteristics & Mechanical Characteristics

Impedance	50 Ohms	
Capacitance	96.1 pF/m	29.3pF/Ft
Velocity of Propagation	70%	
Cut-off Frequency	61.87 GHz	

Mechanical Characteristics

Cable Minimum Static Bend Radius	6.4 mm	.25 inch
Weight	22 g/m	0.015 lbs/ft

Environmental Characteristics

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

Frequency(GHz)	Attenuation		Power(Watts CW)
	dB/100 m	dB/100 Ft	
0.05	14.75	4.5	560
0.1	20.98	6.4	390
0.5	48.20	14.7	173
1.0	69.18	21.1	121
2.0	100.00	30.5	85
4.0	146.23	44.6	59
6.0	183.61	56.0	47
10.0	245.90	75.0	36
12.0	273.44	83.4	33
16.0	324.26	98.9	28
18.0	347.87	106.1	26
26.5	440.66	134.4	21
40.0	570.49	174.0	17