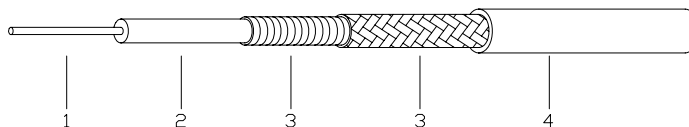


AFlex-250



Construction Specification

	Material	Diameter	
		mm	inch
1.Inner Conductor	Silver Plated Copper	1.63	0.064
2.Dielectric	PTFE	5.28	0.208
3.Outer Conductor	Sprial Wrapped Silver Plated Copper Tape	6.32	0.249
	†Silver Plated Copper		
4.Jacket	FEP	6.90	0.270

Electrical Characteristics & Mechanical Characteristics

Impedance	50 Ohms
Capacitance	96.1 pF/m 29.3pF/Ft
Velocity of Propagation	70%
Cut-off Frequency	19.16 GHz

Mechanical Characteristics

Cable Minimum Static Bend Radius	6.4 mm .25 inch
Weight	142 g/m 0.095 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	4.92	1.5	3010
0.1	7.21	2.2	2095
0.5	17.38	5.3	885
1.0	25.57	7.8	595
2.0	38.69	11.8	394
4.0	61.64	18.8	257
6.0	77.05	23.5	198
10.0	108.20	33.0	136
12.0	122.62	37.4	120
16.0	150.16	45.8	102
18.0	163.93	50.0	88