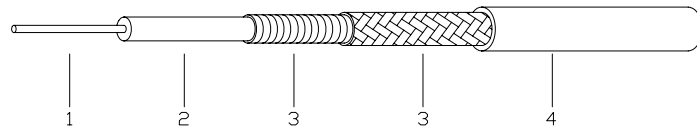


AFlex-250



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	Spiral Wrapped Silver Plated Copper Tape + Silver Plated Copper	6.32	0.249
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

Attenuation(Typical) & Average Power @ 25°C and Seal Level(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