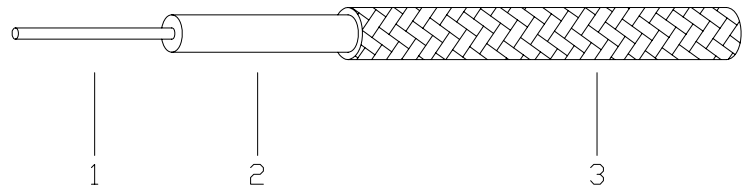


## ANO HF250



### Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	1.65	0.065
2. Dielectric	PTFE	5.25	0.207
3. Outer Conductor	Tin Soaked Copper Braid	6.30	0.248

### Electrical Characteristics

Capacitance	98 PF/m	29.99 PF/Ft
Impedance	50 ohm	
Velocity of Propagation	70%	
Operating frequency	34 GHz	
Time Delay	4.7 nS/m	1.433 nS/Ft
Max.Operating Voltage	5.0 kVrms	
Min.Screening Effectiveness up to 18GHz	100 dB	

### Mechanical Characteristics

Min.Bending Radius Static(mm)	8 mm	0.315 inch
Min.Bending radius Repeated(mm)	40 mm	1.575 inch

### Environmental Characteristics

Operating Temp(°C)	-65 to +150
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### Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation		Power(Watts CW)
	dB/100 m	dB/100 Ft	
0.5	16.0	4.88	1831
1.0	24.0	7.32	1188
5.0	65.0	19.83	435
10.0	99.0	30.20	282
18.0	142.0	43.31	196