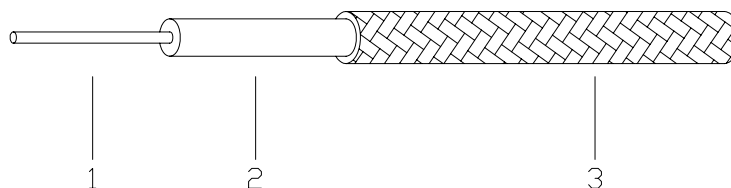


ANO HF141



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.94	0.037
2. Dielectric	PTFE	2.98	0.117
3. Outer Conductor	Tin Soaked Copper Braid	3.55	0.140

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	3.0 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)	-55 to +150	
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Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation		Power(Watts CW)
	dB/100 m	dB/100 Ft	
0.5	27.0	8.24	790
1.0	41.0	12.50	526
5.0	105.0	32.03	205
10.0	158.0	48.19	137
18.0	222.0	67.71	97