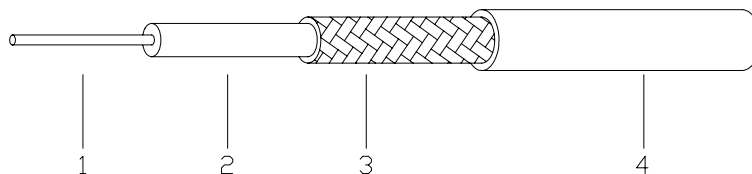


ANO HF047FEP



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper Clad Steel	0.29	0.011
2. Dielectric	PTFE	0.940	0.037
3. Outer Conductor	Tin Soaked Copper Braid	1.19	0.047
4. Jacket	FEP	1.65	0.065

Electrical Characteristics

Capacitance	95 PF/m	29.10 PF/Ft
Impedance	50 ohm	
Velocity of Propagation	69.50%	
Cutoff frequency	109 GHz	
Time Delay	4.7 nS/m	1.43 nS/Ft
Max. Operating Voltage	1.5 kVrms	
Min. Screening Effectiveness up to 18GHz	100 dB	

Mechanical Characteristics

Min. Bending Radius Static(mm)	4 mm	0.157 inch
Min. Bending radius Repeated(mm)	20 mm	0.787 inch

Environmental Characteristics

Operating Temp(°C)	-55 to +125
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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	79.0	24.09	62.2
1.0	112.0	34.15	43.7
5.0	258.0	78.66	19.1
10.0	431.0	131.4	13.3
18.0	603.0	183.84	9.2