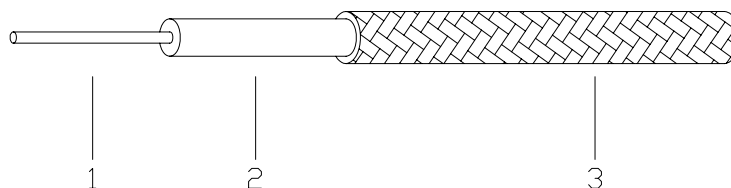


ANO HF086-LL



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper Clad Steel	0.56	0.022
2. Dielectric	LD PTFE	1.68	0.066
3. Outer Conductor	Tin Soaked Copper Braid	2.10	0.083

Electrical Characteristics

Capacitance	87 PF/m	26.54 PF/Ft
Impedance	50 ohm	
Velocity of Propagation	77%	
Max.Operating Frequency	20 GHz	
Time Delay	4.7 nS/m	1.433 nS/Ft
Max.Operating Voltage	1.6KVrms	
Min.Screening Effectiveness up to 18GHz	100 dB	

Mechanical Characteristics

Min.Bending Radius Static(mm)	6 mm	0.236 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	50.8	15.5	223.5
1.0	72.5	22.1	157.7
5.0	164.0	50.0	69.8
10.0	234.1	71.4	49
18.0	317.7	96.9	36.2