

CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Low Pass Filter
50Ω SMA
7th Order

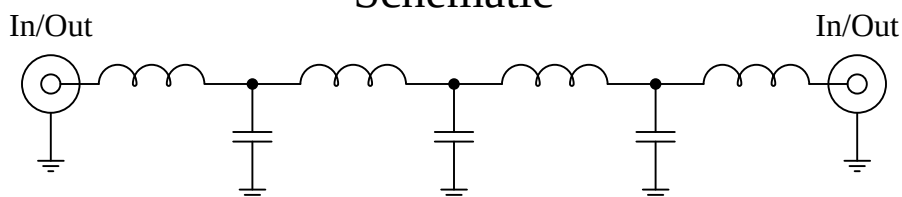


Part Number: CLPFL-2000

Low Pass Range
DC to 2000 MHz



Schematic



Features:

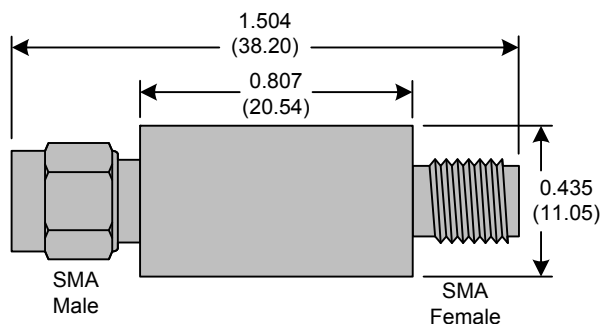
- 7th Order Butterworth Response
- 50Ω SMA Connectors

Applications:

- Test Equipment
- Lab Use

Maximum Ratings:

- +36dBm (4 Watts)
- Operating Temperature: -40°C to 85°C
- Storage Temperature: -55°C to 100°C



Crystek's new line of Low Pass Filters are designed in a rugged SMA housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.

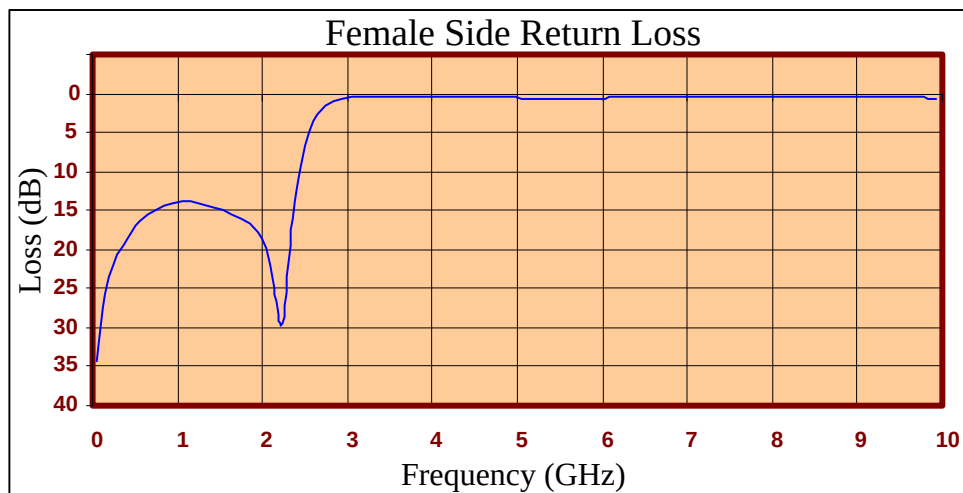
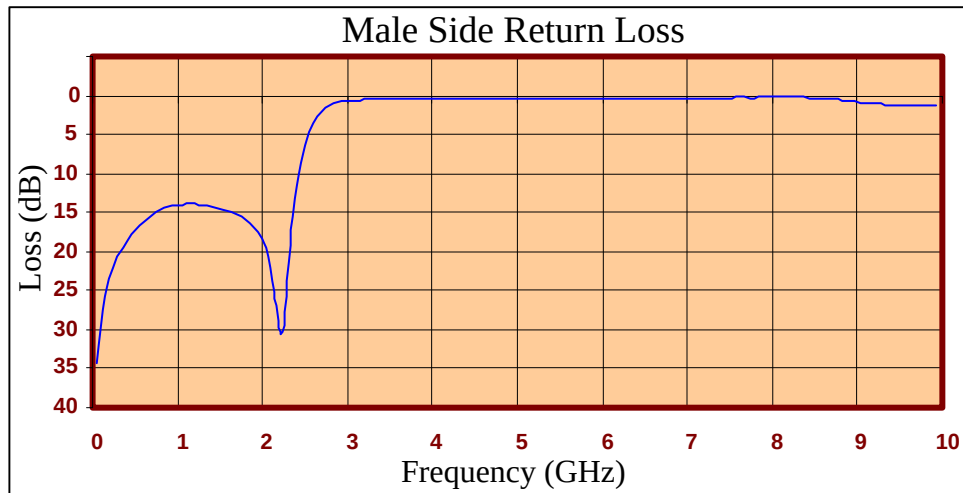
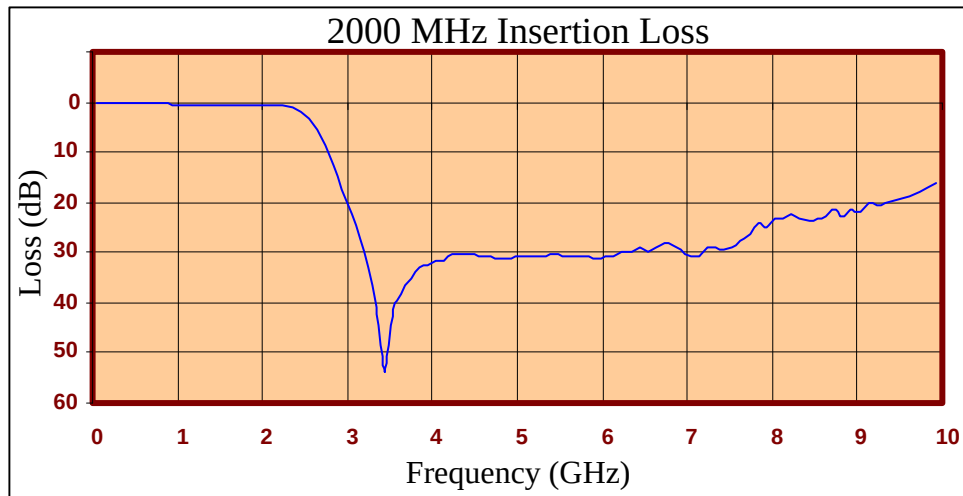
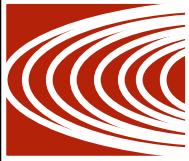
Rev C

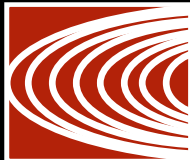
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CRYSTEK
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FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
50.000	0.02	34.28	34.19
249.500	0.13	22.00	21.92
449.000	0.21	17.84	17.67
648.500	0.29	15.70	15.49
848.000	0.35	14.48	14.34
947.750	0.44	14.14	14.03
1047.500	0.43	13.96	13.88
1247.000	0.45	13.95	13.99
1446.500	0.52	14.34	14.53
1546.250	0.48	14.68	14.92
1646.000	0.59	15.08	15.39
1845.500	0.62	16.24	16.65
2045.000	0.60	19.59	19.84
2244.500	0.68	30.28	29.55
2444.000	1.97	8.81	9.16
2643.500	5.56	2.57	2.62
3042.500	22.37	0.66	0.50
3341.750	41.12	0.50	0.44
3641.000	38.14	0.38	0.51
4040.000	31.59	0.28	0.51
4339.250	30.49	0.34	0.48
4638.500	30.66	0.40	0.48
5037.500	30.95	0.46	0.57
5336.750	30.60	0.48	0.63
5636.000	30.70	0.48	0.63
6035.000	30.83	0.47	0.56
6334.250	29.76	0.44	0.49
6633.500	29.14	0.42	0.41
7032.500	30.67	0.36	0.35
7331.750	28.91	0.31	0.33
7631.000	27.53	0.26	0.34
8030.000	23.37	0.22	0.37
8329.250	23.17	0.23	0.38
8628.500	22.84	0.45	0.40
9027.500	22.01	0.88	0.41
9326.750	19.92	1.13	0.46
9626.000	18.63	1.19	0.52
9925.250	16.10	1.24	0.63

Product Control:

Crystek Part Number:	CLPFL-2000	Release Date:	04-Aug-2015
Revision Level:	C	Responsible:	K. Piotrowicz

Rev C

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Mouser Electronics

Authorized Distributor

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