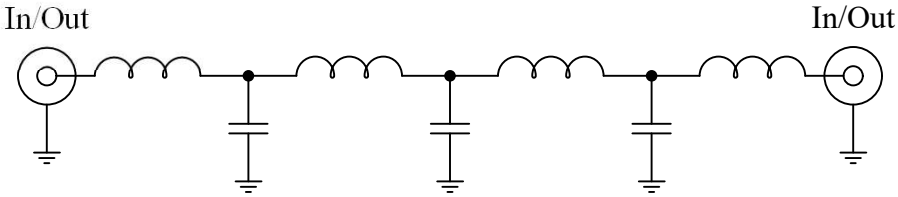
CRYSTEK MICROWAVE
A Division of Crystek Corporation

Low Pass Filter
CLPFL-0400
50Ω SMA
7th Order
Low Pass Range
DC to 400 MHz

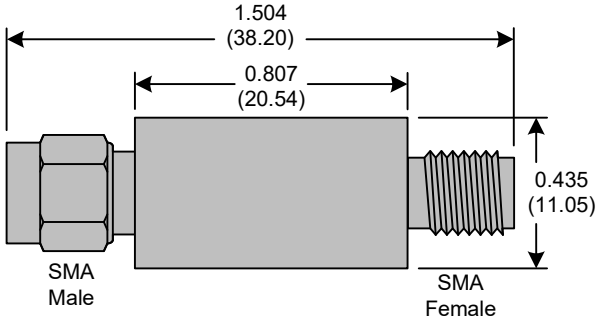


Schematic



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.

Product Control:			
Crystek Part Number:	CLPFL-0400	Release Date:	21-Apr-2026
Revision Level:	D	Responsible:	K. Piotrowicz

CRYSTEK CORPORATION
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Phone: 239-561-3311 • 800-237-3061
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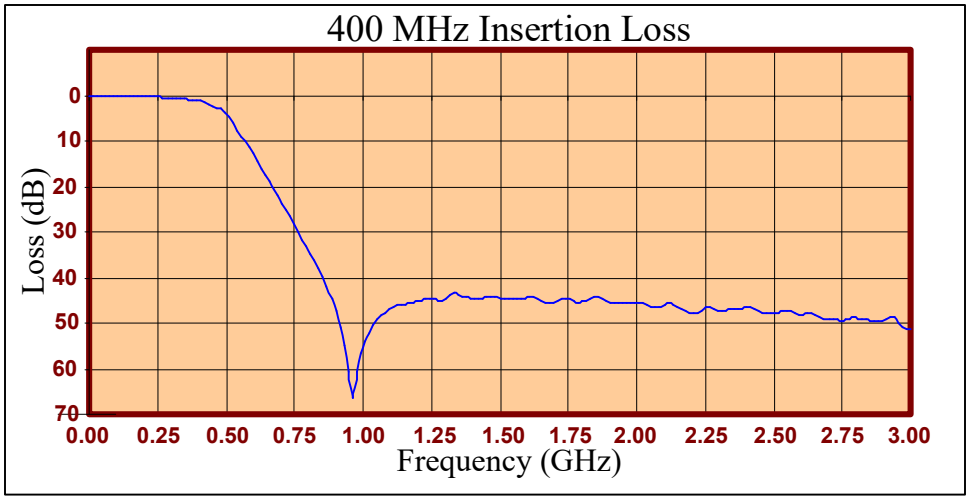

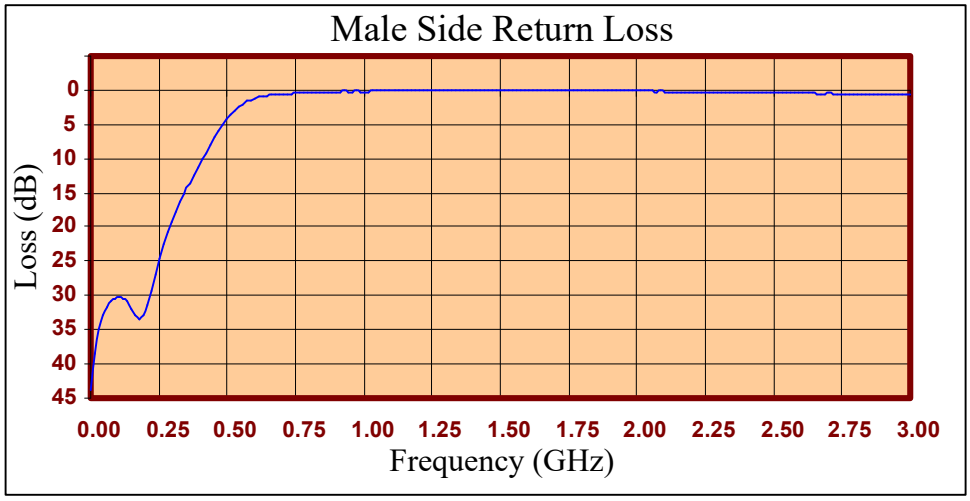

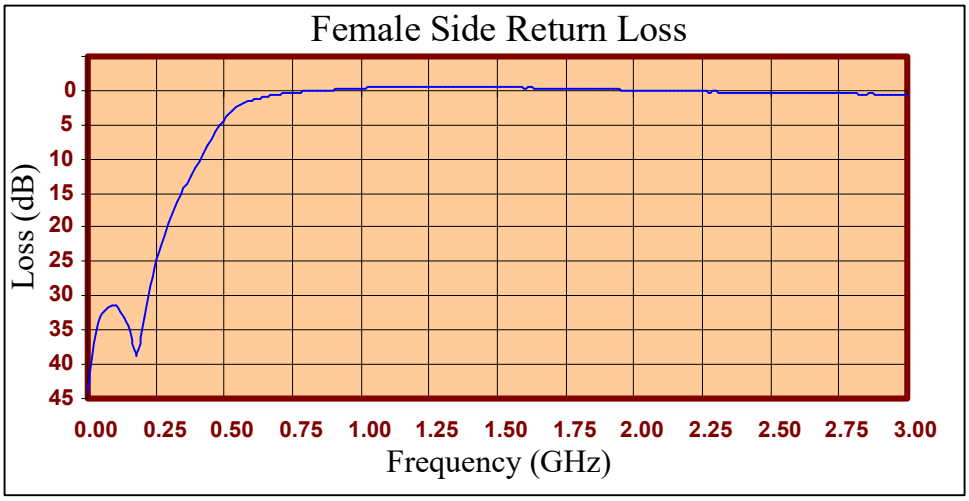

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FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
0.3	0.07	43.80	44.12
15.3	0.07	38.55	39.01
30.3	0.14	35.01	35.40
45.3	0.15	32.87	33.19
60.3	0.16	31.63	32.28
75.3	0.20	30.87	31.57
90.3	0.19	30.52	31.32
105	0.24	30.34	31.47
120	0.25	30.59	32.13
135	0.27	30.84	33.11
150	0.30	31.93	34.43
165	0.29	32.78	36.50
180	0.32	33.36	38.72
195	0.37	33.01	36.22
210	0.34	31.48	33.14
225	0.42	29.34	29.94
240	0.39	26.83	27.23
255	0.44	24.65	24.73
270	0.49	22.65	22.76
285	0.54	20.83	20.90
300	0.59	19.21	19.21
330	0.65	16.30	16.34
405	1.27	10.20	10.29
450	2.41	6.98	6.99
510	4.63	3.54	3.60
585	11.28	1.39	1.56
705	23.76	0.54	0.57
810	34.75	0.39	0.15
900	47.49	0.21	-0.11
1005	54.08	0.21	-0.36
1245	44.51	0.04	-0.52
1500	44.63	0.04	-0.50
1755	44.87	0.09	-0.31
1995	45.47	0.16	-0.09
2250	46.52	0.25	0.15
2505	47.82	0.38	0.33
2745	49.36	0.55	0.43
3000	51.18	0.67	0.54

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Crystek Corporation reserves the right to make changes to its products and/or information contained herein without notice. No liability is assumed as a result of its use or application.

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