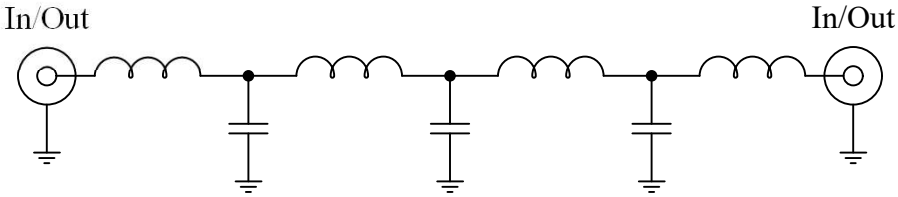
CRYSTEK MICROWAVE
A Division of Crystek Corporation

Low Pass Filter
CLPFL-1000
50Ω SMA
7th Order
Low Pass Range
DC to 1000 MHz

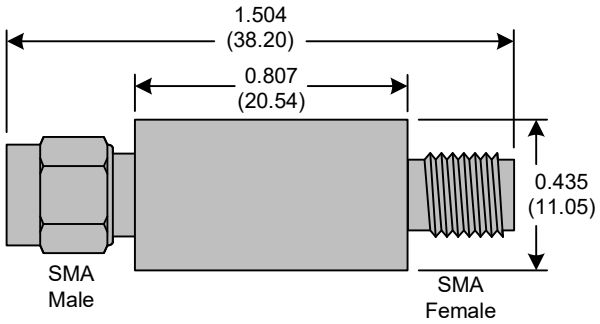


Schematic



Features:

- 7th Order Butterworth Response
- 50Ω SMA Connectors



Applications:

- Test Equipment
- Lab Use

Maximum Ratings:

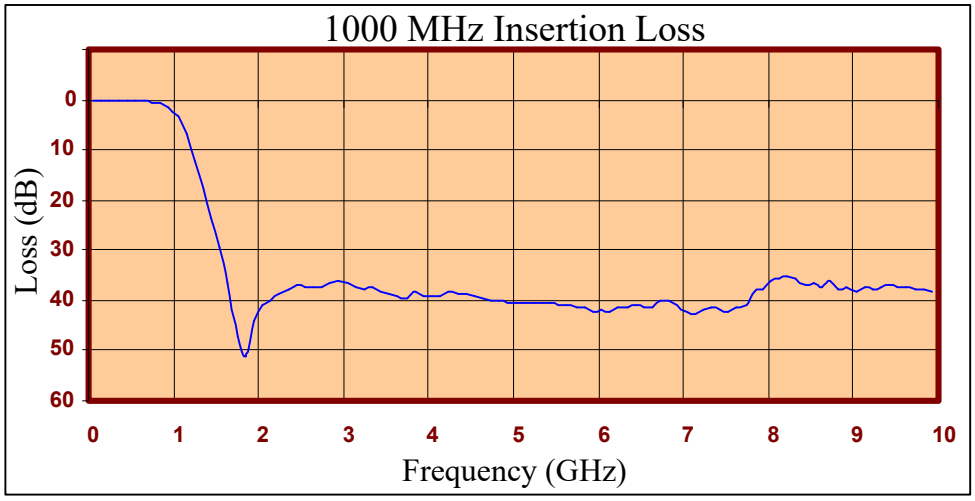
- +36dBm (4 Watts)
- Operating Temperature: -40°C to 85°C
- Storage Temperature: -55°C to 100°C

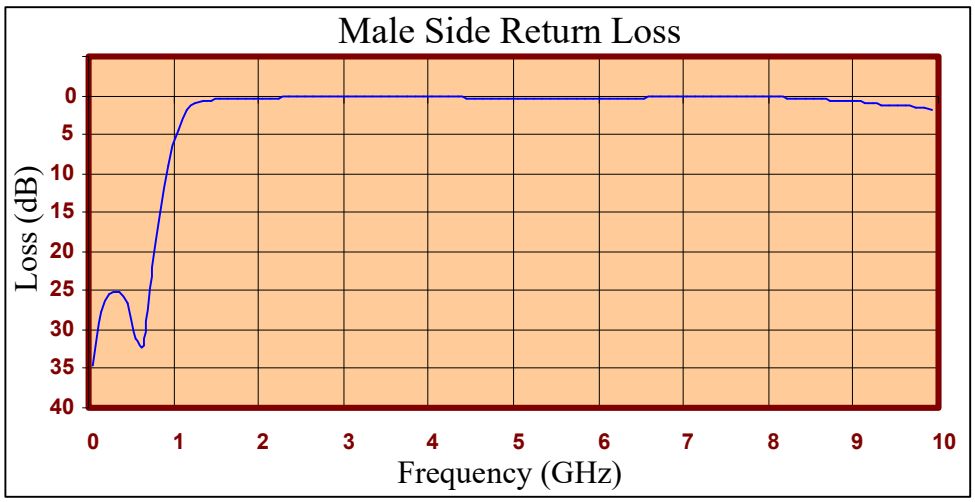
Crystek's new line of Low Pass Filters are designed in a rugged SMA housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.

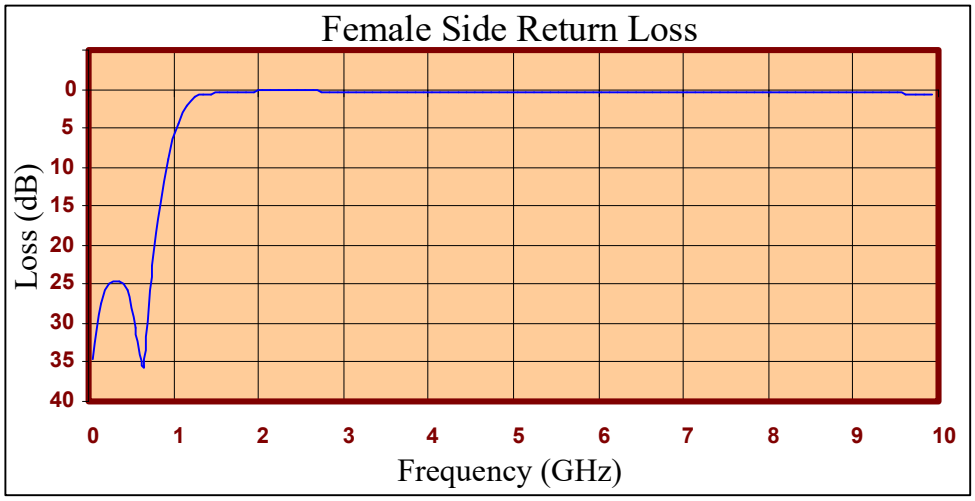
Product Control:			
Crystek Part Number:	CLPFL-1000	Release Date:	23-Apr-2026
Revision Level:	D	Responsible:	K. Piotrowicz

CRYSTEK CORPORATION
16850 Oriole Road • Fort Myers, Florida 33912
Phone: 239-561-3311 • 800-237-3061
www.crystek.com

Low Pass Filter
CLPFL-1000







Product Control:

Crystek Part Number:	CLPFL-1000	Release Date:	23-Apr-2026
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Low Pass Filter
CLPFL-1000

FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
50.000	0.05	34.53	34.56
249.500	0.17	25.41	25.00
449.000	0.23	26.73	25.90
648.500	0.34	32.01	35.42
848.000	0.66	14.95	15.00
947.750	1.38	8.99	9.00
1047.500	3.15	4.43	4.48
1247.000	12.22	0.97	1.06
1446.500	23.68	0.56	0.59
1546.250	29.31	0.50	0.50
1646.000	36.37	0.45	0.43
1845.500	51.18	0.38	0.32
2045.000	40.93	0.32	0.25
2244.500	38.57	0.27	0.23
2444.000	36.86	0.24	0.23
2643.500	37.37	0.21	0.27
3042.500	36.59	0.16	0.35
3341.750	37.44	0.11	0.41
3641.000	39.34	0.05	0.44
4040.000	38.96	0.09	0.38
4339.250	38.53	0.24	0.36
4638.500	39.64	0.32	0.38
5037.500	40.50	0.37	0.47
5336.750	40.65	0.35	0.50
5636.000	40.99	0.35	0.49
6035.000	42.05	0.32	0.42
6334.250	41.40	0.29	0.35
6633.500	41.31	0.27	0.30
7032.500	42.40	0.23	0.30
7331.750	41.36	0.21	0.32
7631.000	41.25	0.19	0.39
8030.000	36.13	0.24	0.47
8329.250	35.74	0.28	0.45
8628.500	37.38	0.49	0.43
9027.500	38.37	0.82	0.41
9326.750	37.20	1.13	0.47
9626.000	37.33	1.41	0.60
9925.250	38.40	1.85	0.83

Product Control:

Crystek Part Number:	CLPFL-1000	Release Date:	23-Apr-2026
Revision Level:	D	Responsible:	K. Piotrowicz

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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