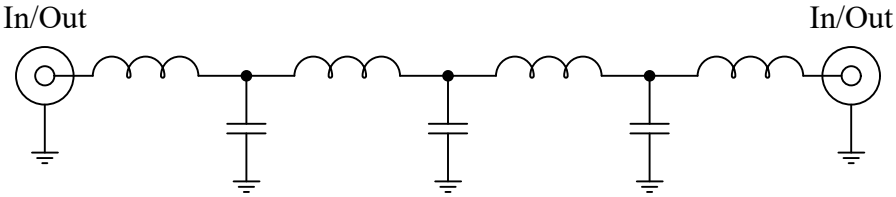
CRYSTEK MICROWAVE
A Division of Crystek Corporation

Low Pass Filter
CLPFL-0100
50Ω SMA
7th Order
Low Pass Range
DC to 100 MHz

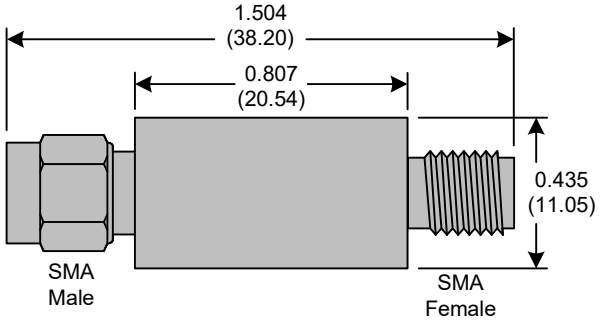


Schematic



Features:

- 7th Order Butterworth Response
- 50Ω SMA Connectors



Applications:

- Test Equipment
- Lab Use

Maximum Ratings:

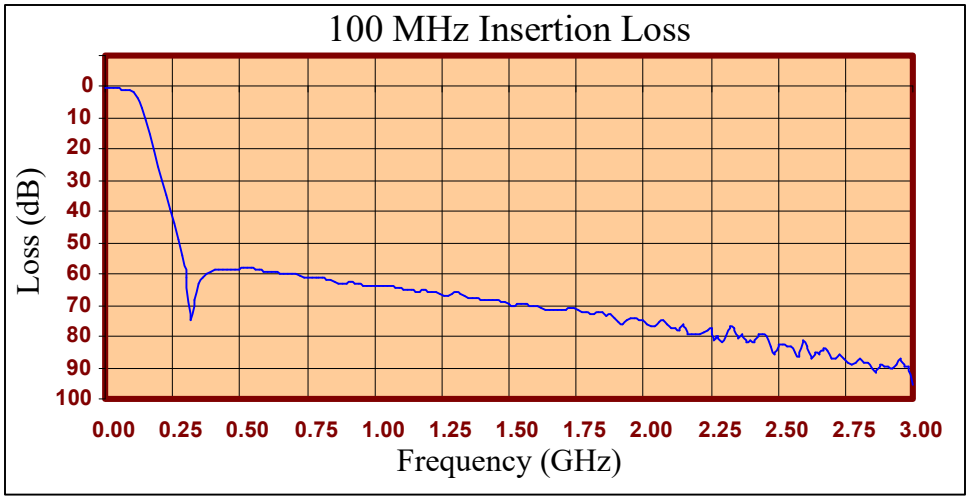
- +36dBm (4 Watts)
- Operating Temperature: -40°C to 85°C
- Storage Temperature: -55°C to 100°C

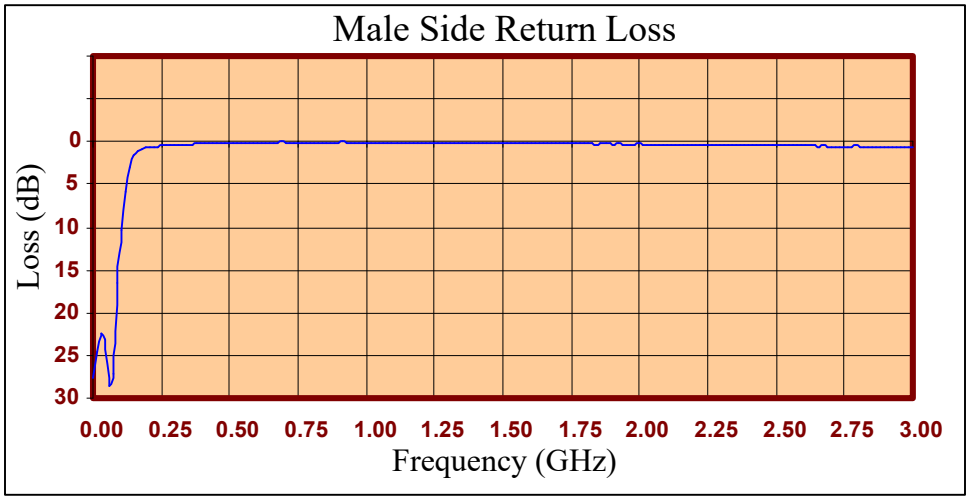
Crystek's new line of Low Pass Filters are designed in a rugged SMA housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.

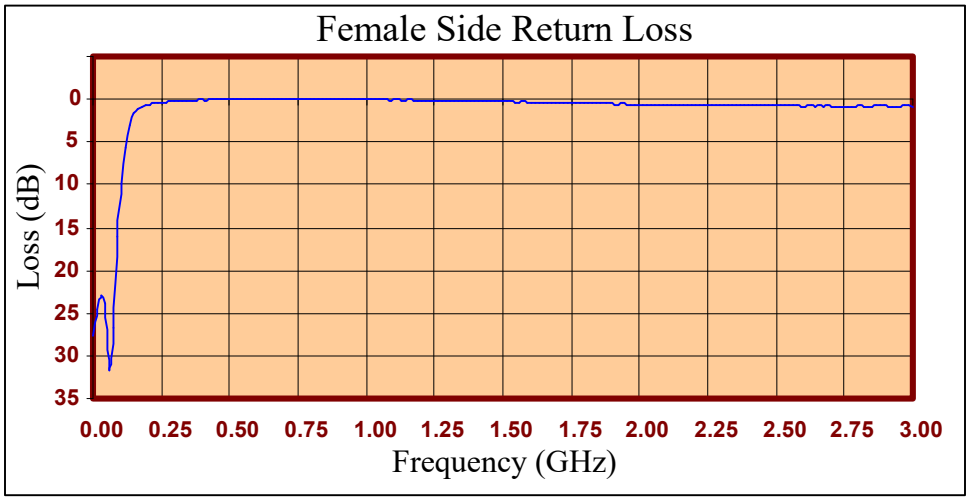
Product Control:			
Crystek Part Number:	CLPFL-0100	Release Date:	20-Apr-2026
Revision Level:	D	Responsible:	K. Piotrowicz

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

Low Pass Filter
CLPFL-0100







Product Control:

Crystek Part Number:	CLPFL-0100	Release Date:	20-Apr-2026
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Low Pass Filter
CLPFL-0100

FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
0.3	0.36	27.49	27.60
15.3	0.38	24.09	24.61
30.3	0.55	22.12	22.83
45.3	0.63	23.10	23.90
60.3	0.70	31.08	31.60
75.3	0.87	25.00	26.74
90.3	1.15	15.01	16.14
105	1.79	9.19	10.03
120	3.35	5.09	5.63
135	6.37	2.69	2.93
150	10.66	1.61	1.55
165	15.42	1.05	1.06
180	20.56	0.87	0.82
195	25.69	0.75	0.70
210	30.43	0.70	0.60
225	35.08	0.65	0.53
240	39.63	0.62	0.46
255	44.39	0.52	0.36
270	49.42	0.50	0.34
285	55.12	0.47	0.28
300	62.70	0.42	0.22
330	67.11	0.37	0.16
405	58.41	0.24	0.11
450	58.30	0.20	0.02
510	57.82	0.15	-0.09
585	58.94	0.13	-0.06
705	60.15	0.10	-0.05
810	61.14	0.09	-0.10
900	62.91	0.06	-0.03
1005	63.65	0.09	-0.02
1245	66.39	0.13	0.17
1500	69.25	0.17	0.32
1755	72.00	0.27	0.48
1995	74.54	0.30	0.57
2250	80.37	0.42	0.71
2505	82.09	0.49	0.78
2745	86.91	0.58	0.81
3000	94.96	0.64	0.81

Product Control:

Crystek Part Number:	CLPFL-0100	Release Date:	20-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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