CRYSTEK MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

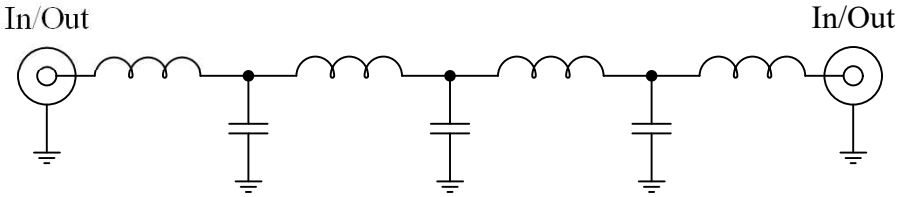
Low Pass Filter
CLPFL-0700
50Ω SMA
7th Order
Low Pass Range
DC to 700 MHz

CRYSTEK CORPORATION
MADE IN THE USA

RoHS Compliant

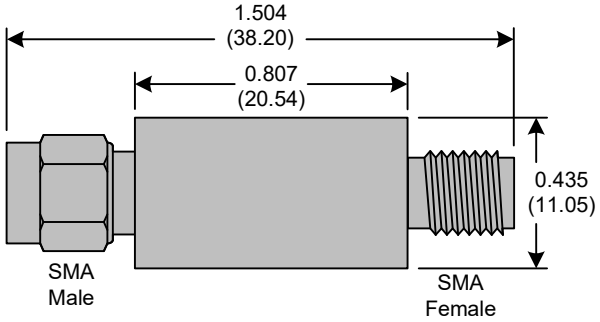


Schematic



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-0700	Release Date:	23-Apr-2026
Revision Level:	C	Responsible:	K. Piotrowicz

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

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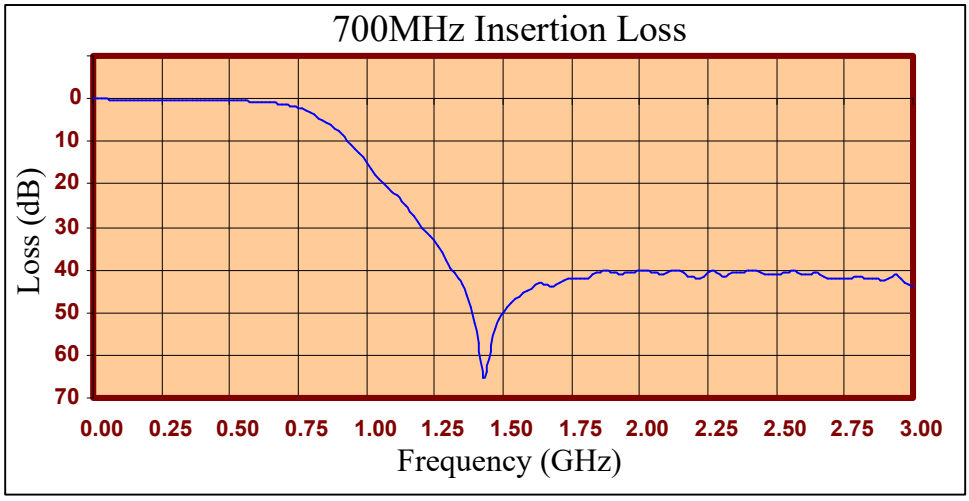

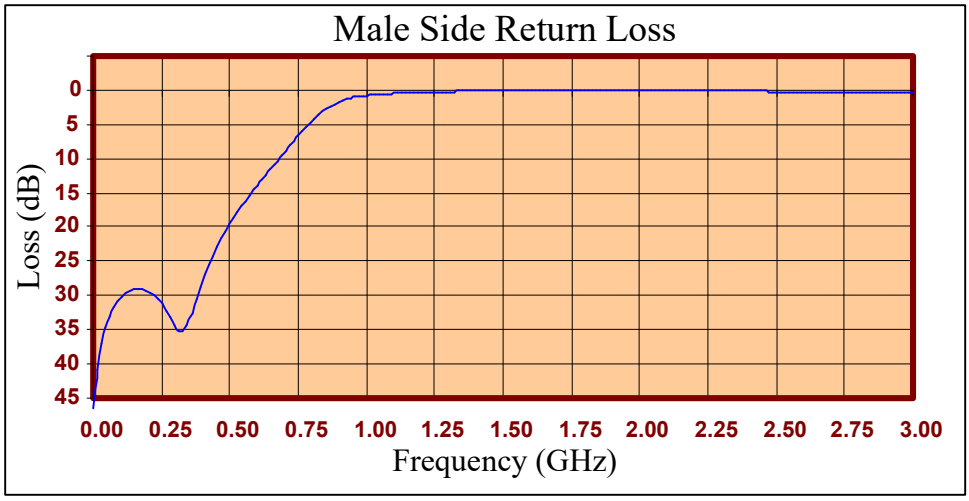

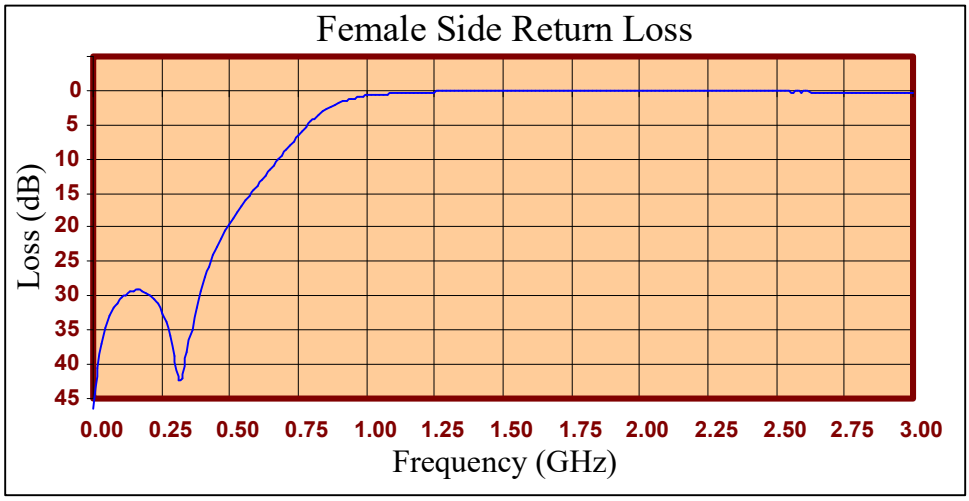

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Low Pass Filter
CLPFL-0700

FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
0	0.04	46.40	46.37
15	0.05	40.77	40.44
30	0.11	36.97	36.96
45	0.10	34.71	34.56
60	0.13	33.06	32.93
75	0.13	31.82	31.69
90	0.18	30.92	31.03
105	0.15	30.22	30.19
120	0.16	29.65	29.86
135	0.16	29.37	29.46
150	0.21	29.12	29.31
165	0.21	28.97	29.15
180	0.24	28.97	29.41
195	0.23	29.21	29.53
210	0.22	29.50	29.83
225	0.24	29.83	30.56
240	0.25	30.52	31.20
255	0.26	31.22	32.43
270	0.27	32.25	33.87
285	0.26	33.25	35.76
300	0.27	34.28	38.87
330	0.30	35.38	42.16
405	0.36	27.06	27.30
450	0.41	22.91	22.85
510	0.51	18.75	18.59
585	0.69	14.66	14.53
705	1.39	8.77	8.73
810	3.85	4.05	4.08
900	7.78	1.74	1.76
1005	15.49	0.78	0.77
1245	33.66	0.24	0.20
1500	48.67	0.05	0.00
1755	41.69	0.02	-0.07
1995	40.50	0.04	0.00
2250	41.14	0.08	0.07
2505	41.63	0.19	0.16
2745	42.74	0.29	0.24
3000	44.32	0.39	0.31

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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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