

CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Low Pass Filter
50Ω SMA
7th Order



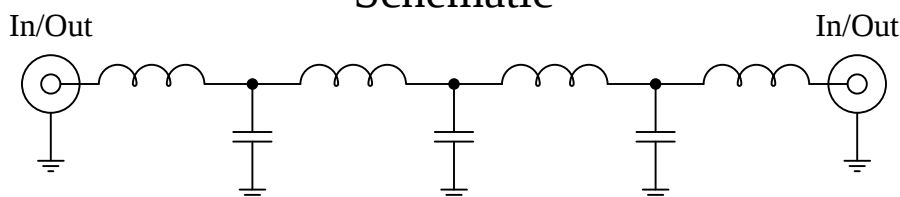
Part Number: CLPFL-0700

Low Pass Range
DC to 700 MHz

New
Low Pass Filters



Schematic



Features:

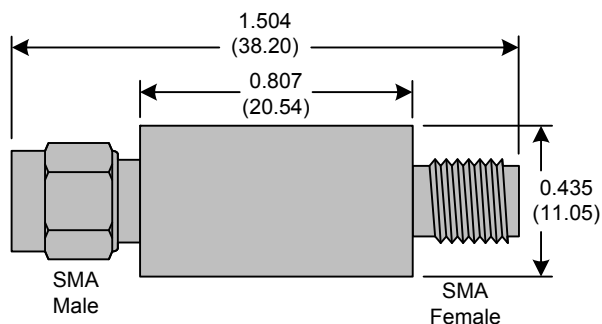
- 7th Order Butterworth Response
- 50Ω SMA Connectors

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.

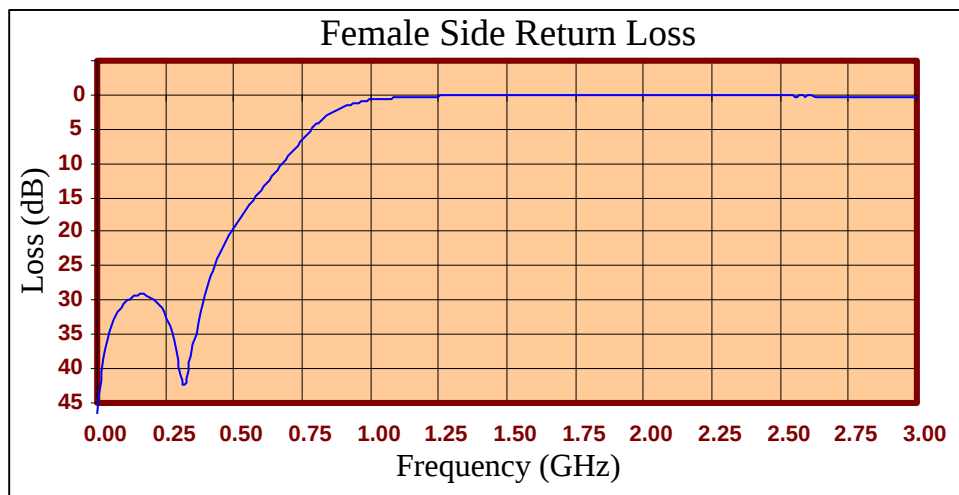
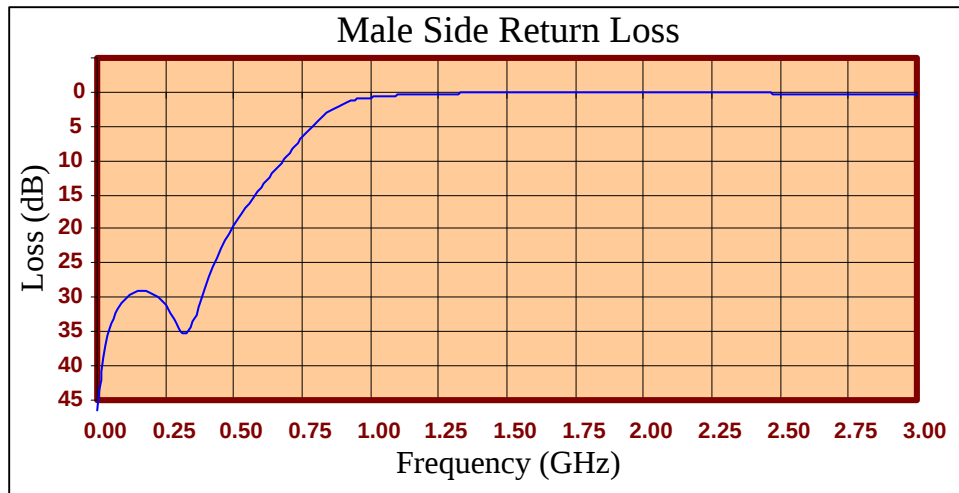
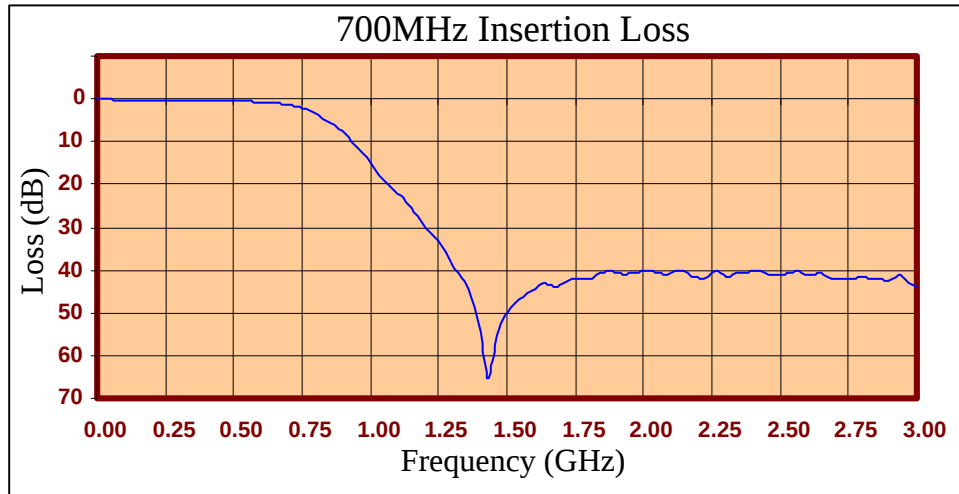
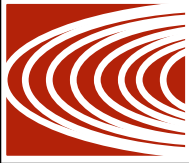
Rev B

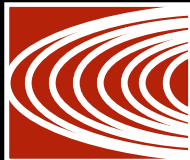
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CRYSTEK
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FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
0	0.04	46.40	46.37
15	0.05	40.77	40.44
30	0.11	36.97	36.96
45	0.10	34.71	34.56
60	0.13	33.06	32.93
75	0.13	31.82	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

Product Control:

Crystek Part Number:	CLPFL-0700	Release Date:	04-Jun-2015
Revision Level:	B	Responsible:	K. Piotrowicz

Rev B

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Mouser Electronics

Authorized Distributor

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