

CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Low Pass Filter
50Ω SMA
7th Order



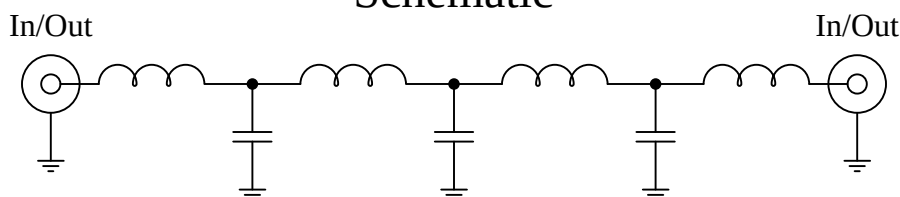
Part Number: CLPFL-0600

Low Pass Range
DC to 600MHz

New
Low Pass Filters



Schematic



Features:

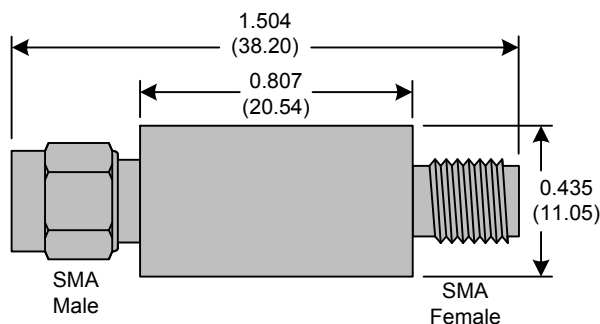
- 7th Order Butterworth Response
- 50Ω SMA Connectors

Applications:

- Test Equipment
- Lab Use

Maximum Ratings:

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

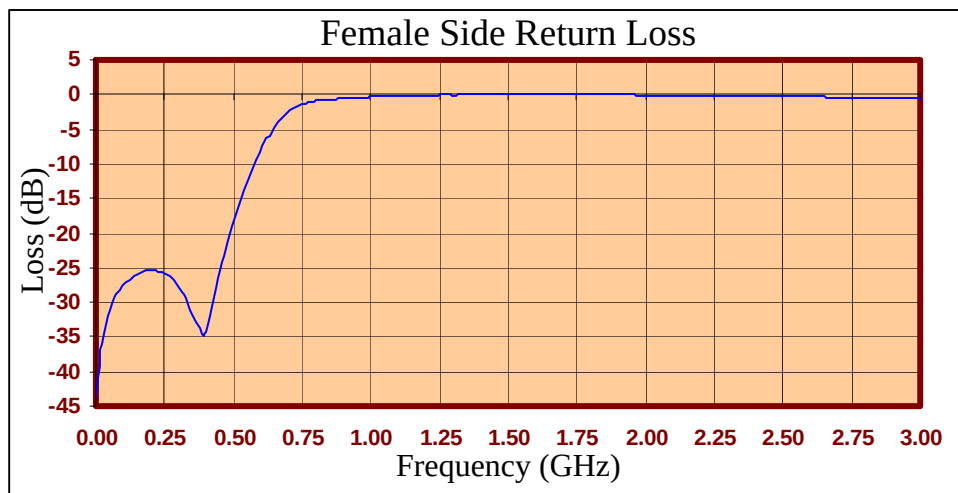
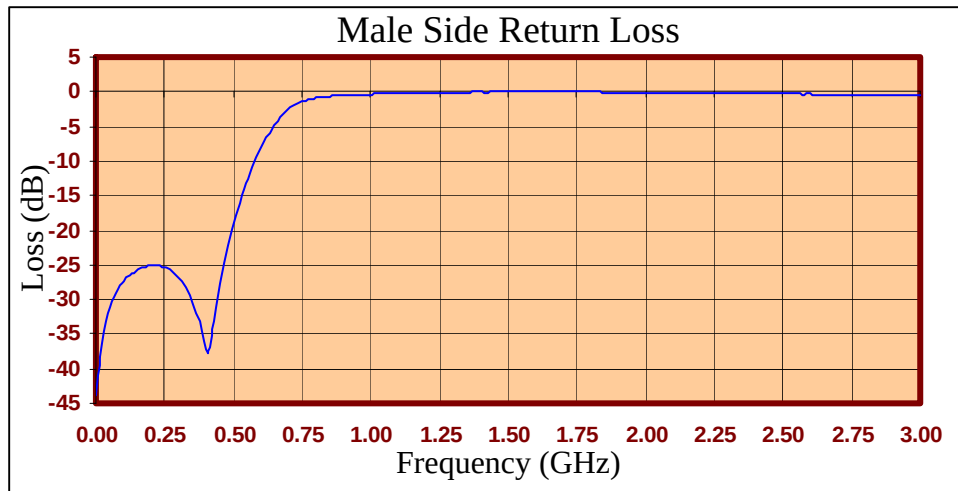
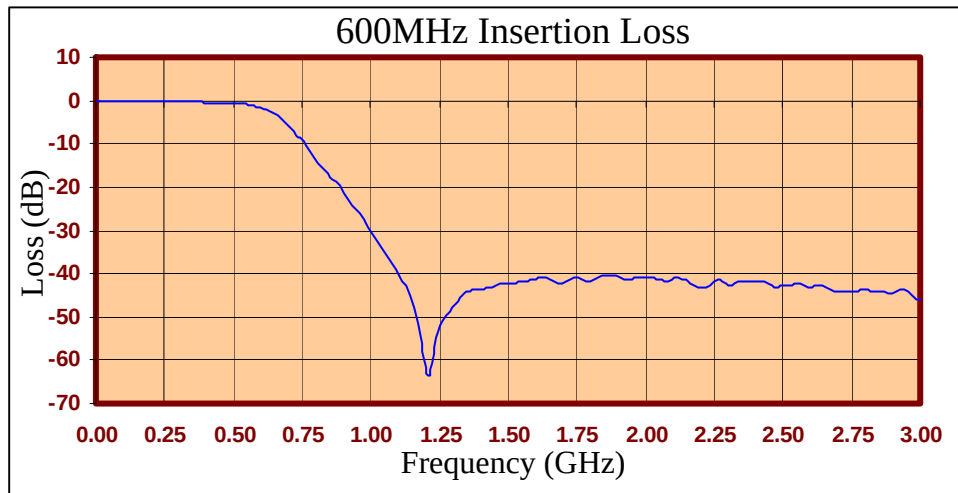
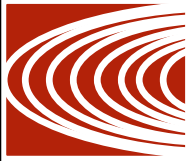


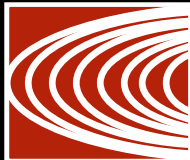
Crystek's new line of Low Pass Filters are designed in a rugged SMA housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.



CRYSTEK
CORPORATION

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FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
0.3	-0.05	-43.91	-43.81
15.3	-0.05	-38.35	-38.04
30.3	-0.13	-34.55	-34.48
45.3	-0.12	-32.11	-31.97
60.3	-0.15	-30.39	-30.25
75.3	-0.16	-29.08	-28.94
90.3	-0.20	-28.09	-28.10
105	-0.18	-27.27	-27.23
120	-0.19	-26.61	-26.74
135	-0.20	-26.18	-26.17
150	-0.26	-25.77	-25.83
165	-0.26	-25.43	-25.54
180	-0.28	-25.22	-25.48
195	-0.27	-25.13	-25.35
210	-0.27	-25.06	-25.30
225	-0.29	-25.08	-25.50
240	-0.30	-25.23	-25.59
255	-0.32	-25.44	-25.99
270	-0.32	-25.76	-26.35
285	-0.32	-26.17	-26.86
300	-0.33	-26.69	-27.68
330	-0.38	-28.36	-29.36
405	-0.43	-37.66	-33.24
450	-0.56	-27.67	-25.44
510	-0.61	-17.88	-17.30
585	-1.39	-9.58	-9.47
705	-6.27	-2.35	-2.37
810	-14.48	-0.86	-0.89
900	-21.24	-0.55	-0.54
1005	-30.89	-0.37	-0.32
1245	-53.38	-0.14	-0.09
1500	-42.23	-0.03	0.00
1755	-41.06	-0.05	0.00
1995	-40.94	-0.10	-0.09
2250	-41.82	-0.18	-0.19
2505	-42.84	-0.31	-0.30
2745	-44.29	-0.44	-0.41
3000	-45.80	-0.58	-0.49

Product Control:

Crystek Part Number:	CLPFL-0600	Release Date:	09-Jun-10
Revision Level:	A	Responsible:	K. Piotrowicz

