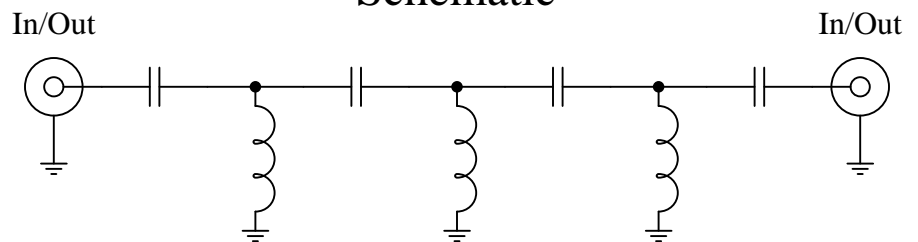


Part Number: CHPFL-1000

**New**  
**High Pass Filters**



### Schematic



### Features:

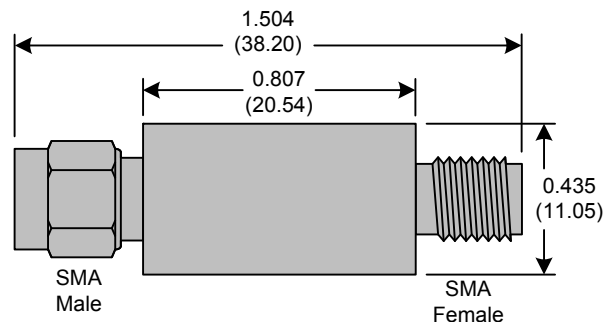
- 7<sup>th</sup> Order Butterworth Response
- 50Ω SMA Connectors

### Applications:

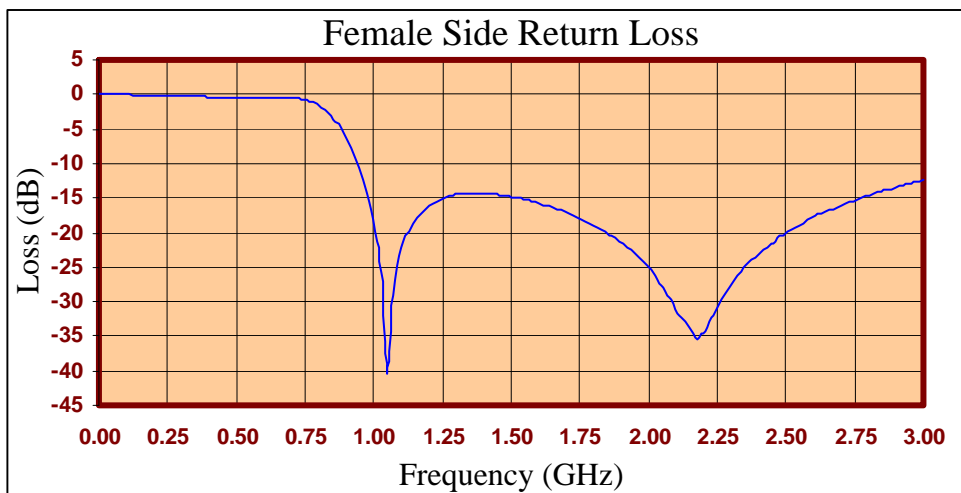
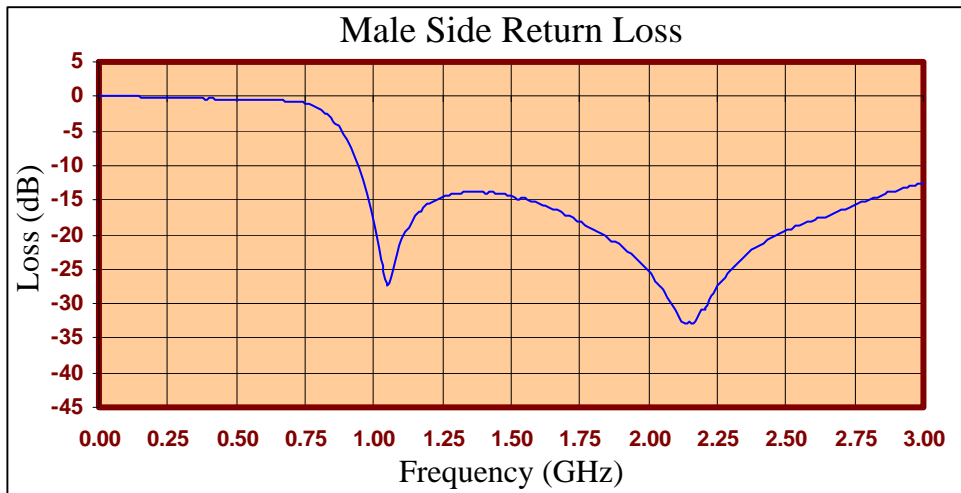
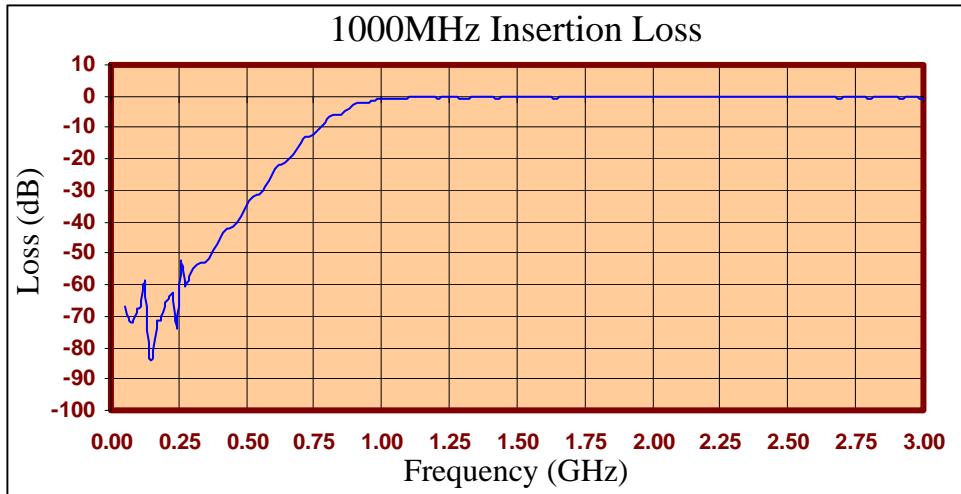
- Test Equipment
- Lab Use

### Maximum Ratings:

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



Crystek's new line of High 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.





FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
0.3	-100.84	0.00	0.00
15.3	-106.89	0.00	0.00
30.3	-98.75	-0.01	0.00
45.3	-93.17	-0.01	0.00
60.3	-102.59	-0.02	-0.03
75.3	-106.75	-0.02	-0.04
90.3	-86.87	-0.01	-0.02
105	-84.46	-0.02	-0.04
120	-77.84	-0.04	-0.07
135	-76.57	-0.05	-0.06
150	-76.06	-0.06	-0.13
165	-74.02	-0.12	-0.13
180	-72.55	-0.12	-0.19
195	-69.63	-0.11	-0.17
210	-67.13	-0.09	-0.14
225	-63.09	-0.10	-0.16
240	-59.82	-0.13	-0.20
255	-59.53	-0.13	-0.20
270	-60.03	-0.09	-0.23
285	-59.87	-0.13	-0.21
300	-58.84	-0.23	-0.23
330	-53.95	-0.21	-0.24
405	-47.57	-0.32	-0.36
450	-40.87	-0.38	-0.39
510	-35.71	-0.47	-0.45
585	-24.12	-0.54	-0.47
705	-12.88	-0.70	-0.49
810	-5.39	-1.97	-1.83
900	-3.20	-6.30	-6.48
1005	-0.91	-18.97	-19.86
1245	-0.47	-14.61	-15.11
1500	-0.49	-14.38	-14.85
1755	-0.36	-18.18	-18.10
1995	-0.23	-25.08	-24.88
2250	-0.62	-27.49	-30.78
2505	-0.49	-19.39	-19.90
2745	-0.49	-15.81	-15.38
3000	-0.55	-12.58	-12.36

**Product Control:**

Crystek Part Number:	CHPFL-1000	Release Date:	26-Apr-11
Revision Level:	B	Responsible:	K. Piotrowicz

