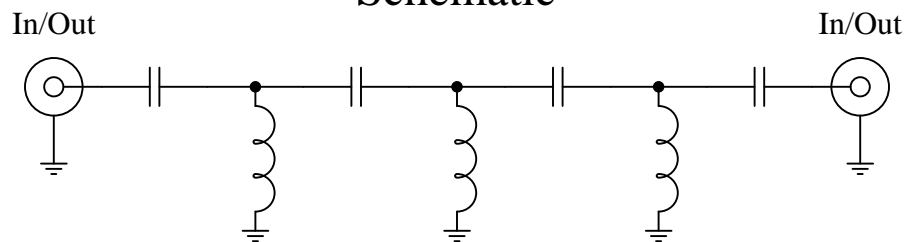


**New  
High Pass Filters**



**Schematic**



**Features:**

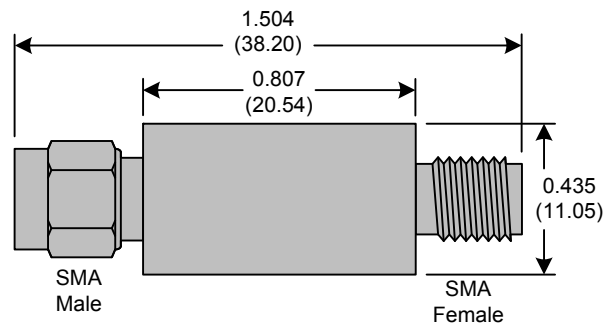
- 7<sup>th</sup> Order Butterworth Response
- 50Ω SMA Connectors

**Applications:**

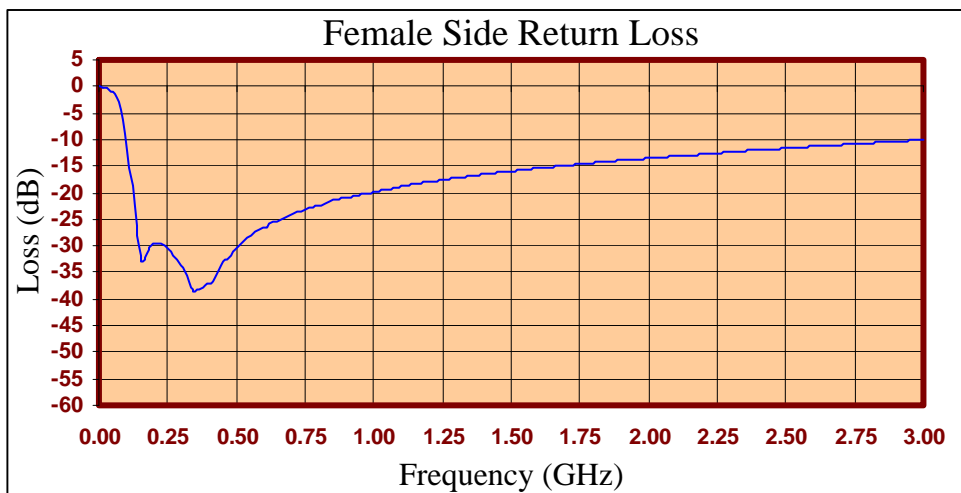
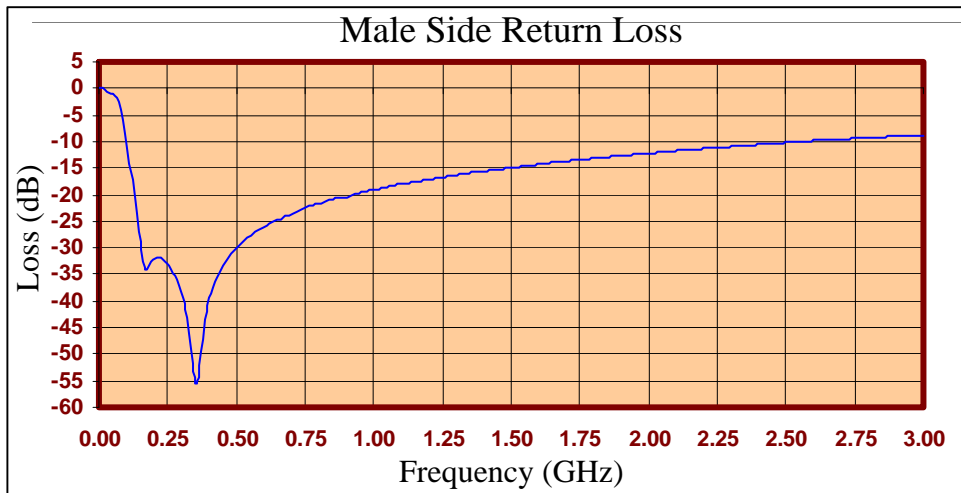
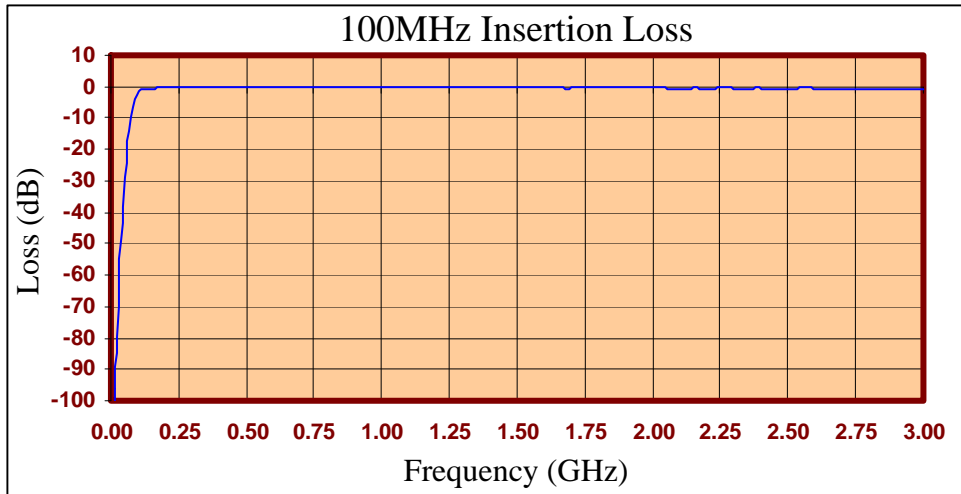
- Test Equipment
- Lab Use

**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	-103.7	-0.01	-0.00
15.3	-97.16	-0.06	-0.10
30.3	-62.05	-0.45	-0.39
45.3	-38.12	-0.86	-0.86
60.3	-20.78	-1.48	-1.45
75.3	-9.68	-2.66	-2.70
90.3	-3.93	-5.81	-6.11
105	-1.72	-11.12	-11.80
120	-1.03	-17.22	-18.75
135	-0.73	-23.72	-26.13
150	-0.60	-30.48	-32.89
165	-0.54	-33.98	-32.51
180	-0.44	-33.29	-30.42
195	-0.41	-32.04	-29.40
210	-0.40	-31.73	-29.52
225	-0.31	-31.75	-29.49
240	-0.32	-32.42	-29.97
255	-0.29	-33.43	-30.54
270	-0.29	-34.65	-31.71
285	-0.26	-36.10	-32.50
300	-0.24	-38.39	-33.8
330	-0.24	-46.09	-36.57
405	-0.21	-38.50	-36.95
450	-0.17	-33.40	-33.10
510	-0.23	-29.49	-29.88
585	-0.18	-26.66	-26.78
705	-0.16	-23.39	-23.94
810	-0.18	-21.51	-22.26
900	-0.23	-20.38	-20.91
1005	-0.25	-19.03	-19.76
1245	-0.25	-16.75	-17.64
1500	-0.42	-14.96	-15.92
1755	-0.23	-13.43	-14.60
1995	-0.48	-12.26	-13.59
2250	-0.49	-11.13	-12.55
2505	-0.70	-10.16	-11.64
2745	-0.89	-9.43	-10.83
3000	-0.94	-8.80	-10.05

**Product Control:**

Crystek Part Number:	CHPFL-0100	Release Date:	04-Nov-10
Revision Level:	A	Responsible:	K. Piotrowicz

