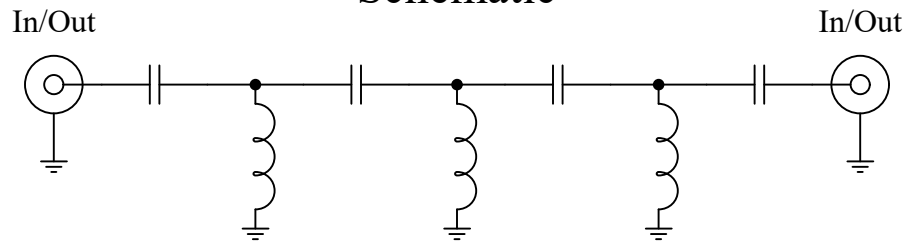


High Pass Filter  
50Ω SMA  
100 MHz 7<sup>th</sup> Order  
Part Number: CHPFL-0100



Schematic



Features:

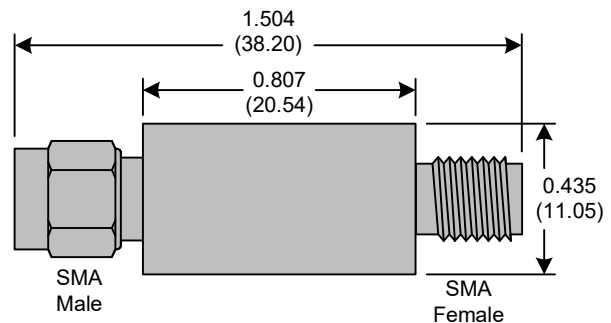
- 7<sup>th</sup> Order Butterworth Response
- 50Ω SMA Connectors

Applications:

- Test Equipment
- Lab Use

Maximum Ratings:

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



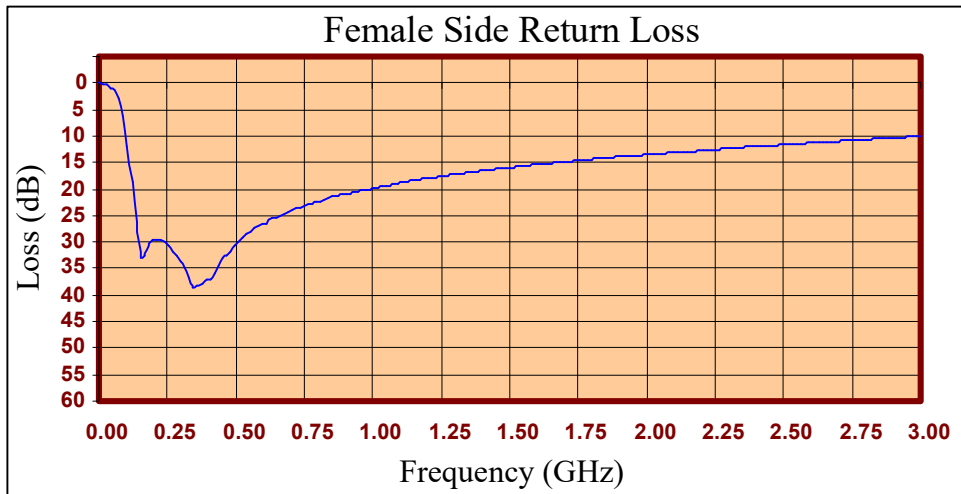
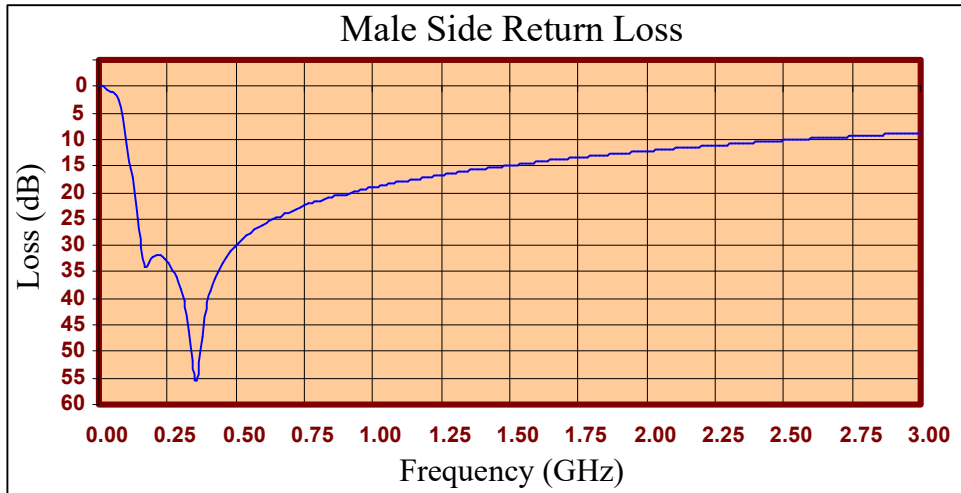
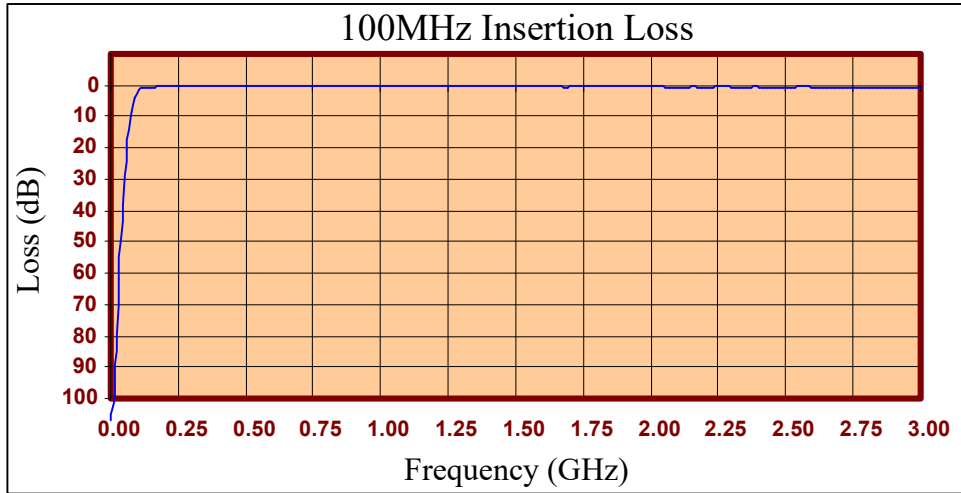
Crystek's line of High Pass Filters are designed in a rugged SMA housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.

**Product Control:**

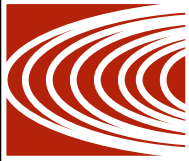
Crystek Part Number:	CHPFL-0100	Release Date:	09-Apr-2026
Revision Level:	E	Responsible:	K. Piotrowicz



High Pass Filter  
 50Ω SMA  
 100 MHz 7<sup>th</sup> Order



<b>Product Control:</b>			
Crystek Part Number:	CHPFL-0100	Release Date:	09-Apr-2026
Revision Level:	E	Responsible:	K. Piotrowicz



High Pass Filter  
 50Ω SMA  
 100 MHz 7<sup>th</sup> Order

FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
0.3	103.66	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	33.80
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

<b>Product Control:</b>				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.	
Crystek Part Number:	CHPFL-0100	Release Date:	09-Apr-2026		
Revision Level:	E	Responsible:	K. Piotrowicz		
				Page 3 of 3	