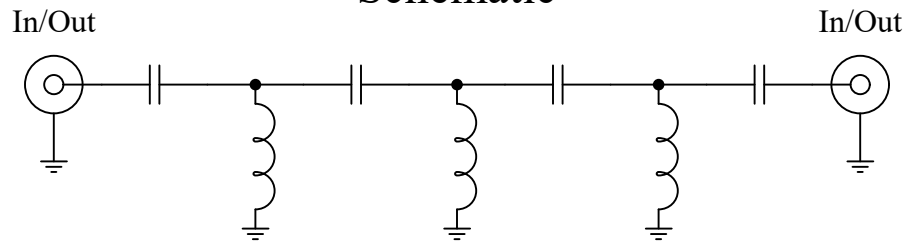


High Pass Filter
50Ω SMA
300 MHz 7th Order
Part Number: CHPFL-0300



Schematic



Features:

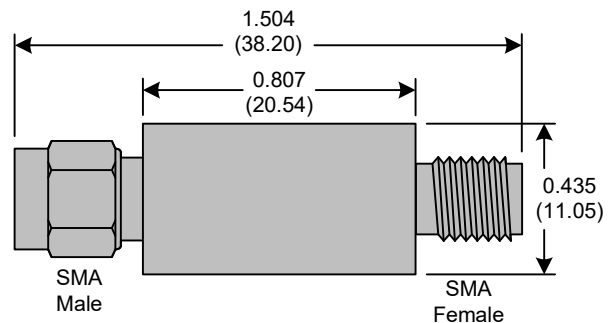
- 7th Order Butterworth Response
- 50Ω SMA Connectors

Applications:

- Test Equipment
- Lab Use

Maximum Ratings:

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



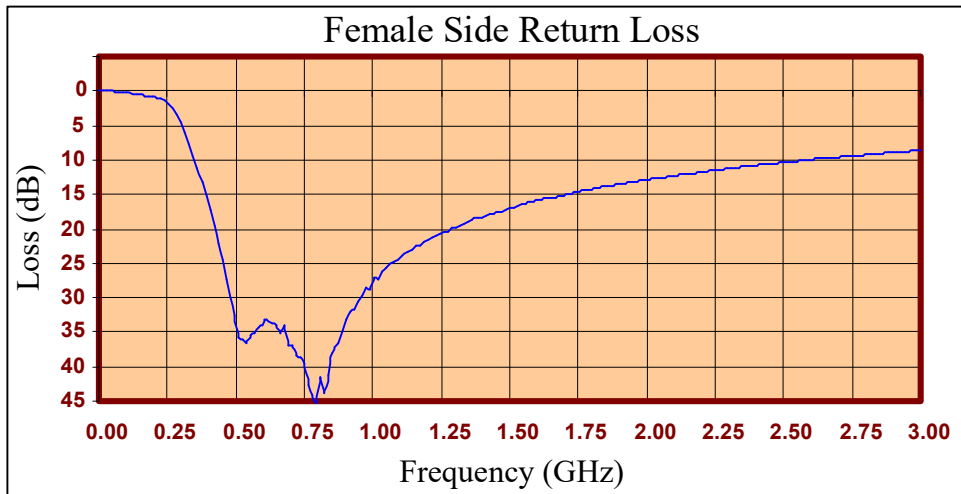
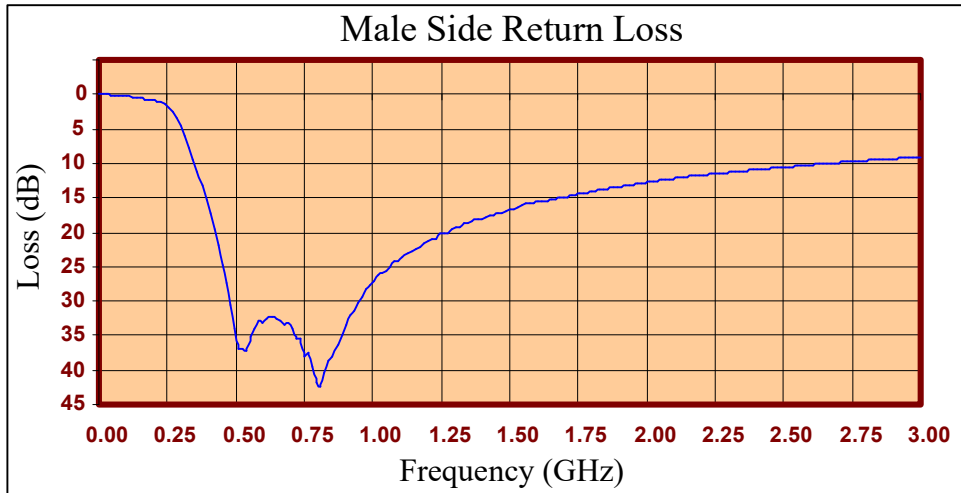
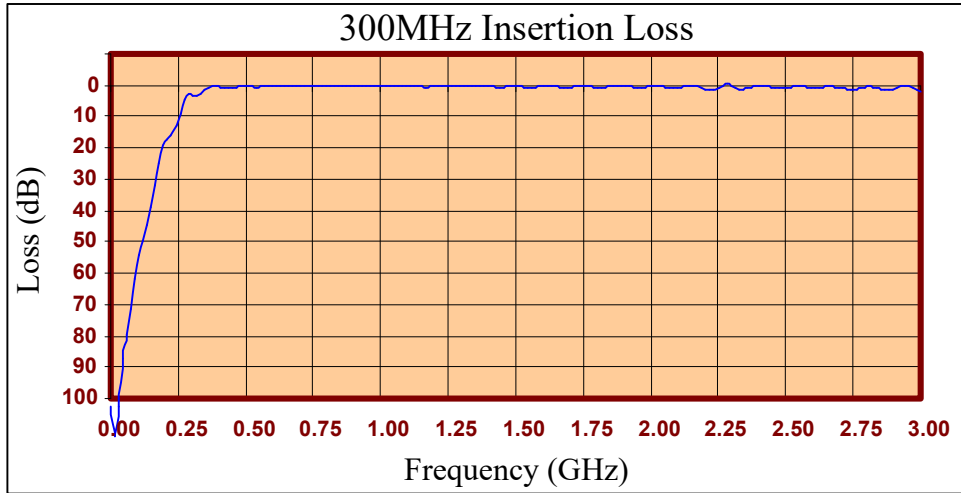
Crystek's line of High Pass Filters are designed in a rugged SMA housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.

Product Control:

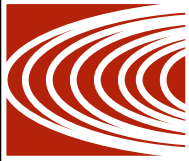
Crystek Part Number:	CHPFL-0300	Release Date:	13-Apr-2026
Revision Level:	E	Responsible:	K. Piotrowicz



High Pass Filter
 50Ω SMA
 300 MHz 7th Order



Product Control:			
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High Pass Filter
 50Ω SMA
 300 MHz 7th Order

FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
0.3	97.73	0.00	0.00
15.3	101.36	0.01	0.01
30.3	89.31	0.04	0.03
45.3	88.03	0.07	0.06
60.3	80.58	0.12	0.15
75.3	71.75	0.17	0.17
90.3	61.83	0.22	0.23
105	54.47	0.30	0.29
120	49.99	0.37	0.40
135	45.17	0.51	0.49
150	39.38	0.58	0.62
165	32.56	0.67	0.70
180	25.14	0.76	0.76
195	19.87	0.86	0.85
210	18.07	1.01	1.00
225	16.30	1.18	1.13
240	13.35	1.40	1.36
255	9.25	1.86	1.81
270	4.98	2.49	2.44
285	3.34	3.38	3.41
300	3.63	4.53	4.61
330	2.84	7.60	7.69
405	0.74	17.27	17.38
450	0.63	24.65	24.42
510	0.29	36.80	35.83
585	0.25	32.97	34.40
705	0.33	34.07	36.88
810	0.24	42.53	41.52
900	0.28	33.40	33.10
1005	0.28	27.04	26.94
1245	0.15	20.26	20.59
1500	0.05	16.67	16.97
1755	-0.06	14.44	14.63
1995	0.31	12.82	12.95
2250	0.71	11.49	11.51
2505	0.92	10.59	10.35
2745	1.49	9.79	9.44
3000	1.98	9.09	8.64

Product Control:				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-0300	Release Date:	13-Apr-2026	Page 3 of 3	
Revision Level:	E	Responsible:	K. Piotrowicz		