

CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

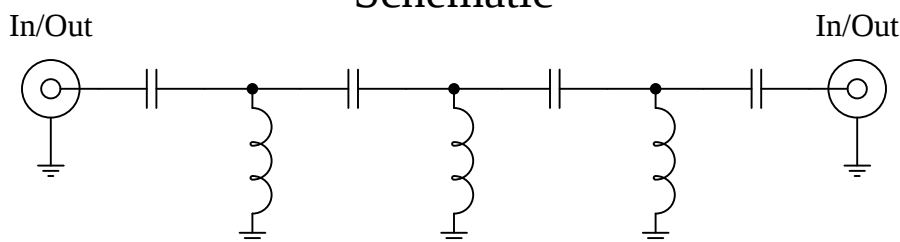
High Pass Filter
50Ω SMA
7th Order



Part Number: CHPFL-0300



Schematic



Features:

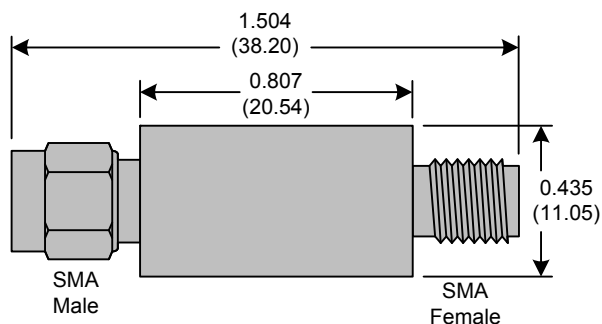
- 7th Order Butterworth Response
- 50Ω SMA Connectors

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.

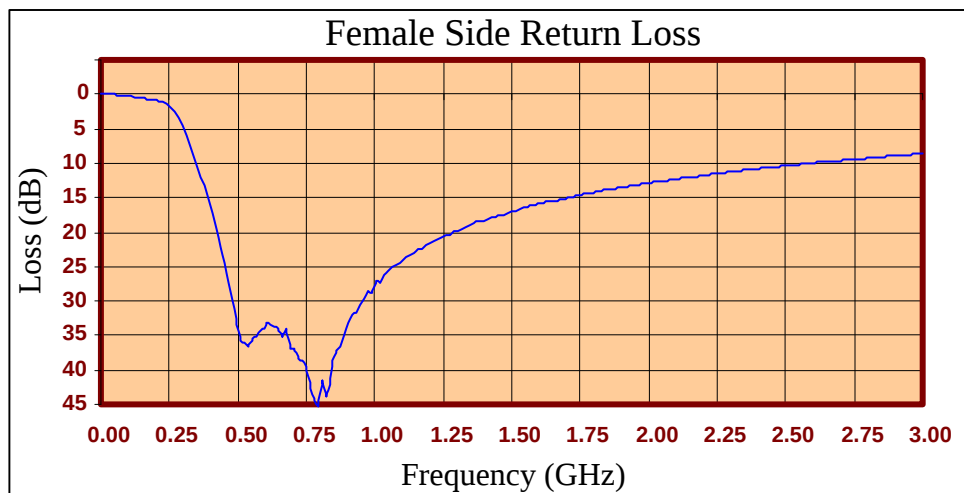
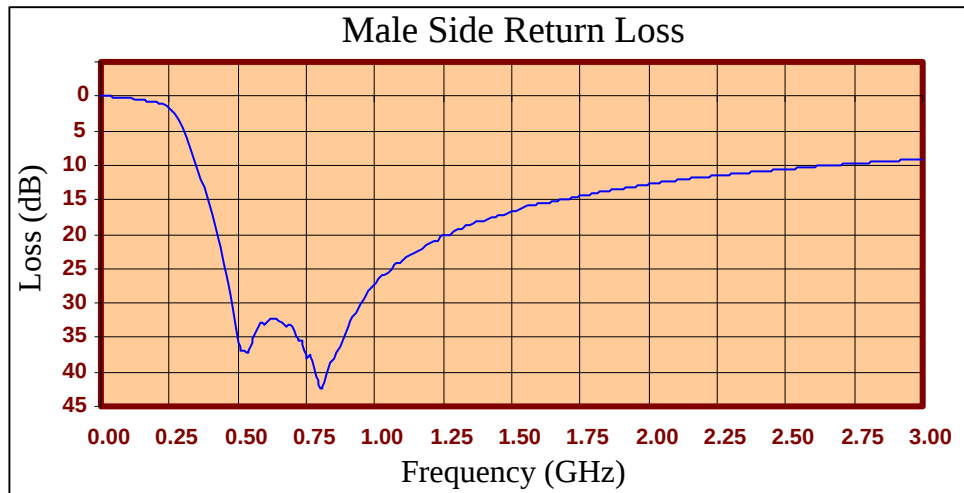
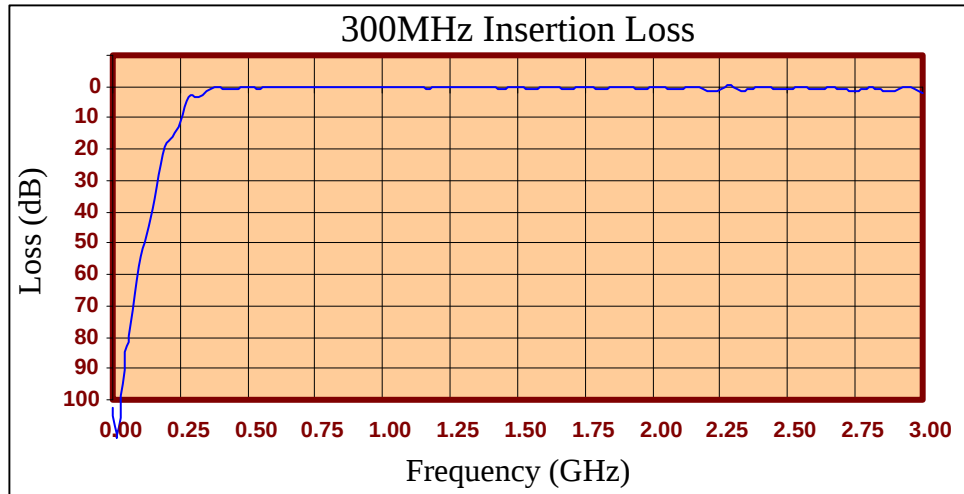
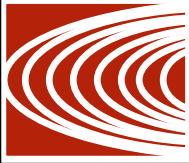
Rev D

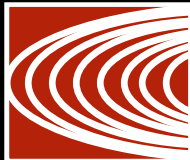
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CRYSTEK
CORPORATION

12730 COMMONWEALTH DRIVE • FORT MYERS, FLORIDA 33913
PHONE: 239-561-3311 • 800-237-3061
FAX: 239-561-1025 • WWW.CRYSTEK.COM





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 Part Number:	CHPFL-0300	Release Date:	18-Aug-2015
Revision Level:	D	Responsible:	K. Piotrowicz

Rev D

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Mouser Electronics

Authorized Distributor

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