



CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

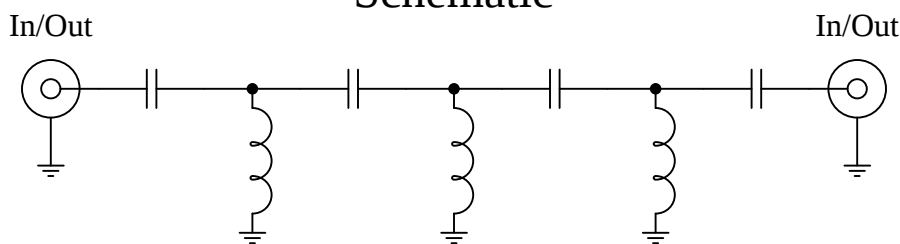
High Pass Filter
50Ω SMA
7th Order



Part Number: CHPFL-0100



Schematic



Features:

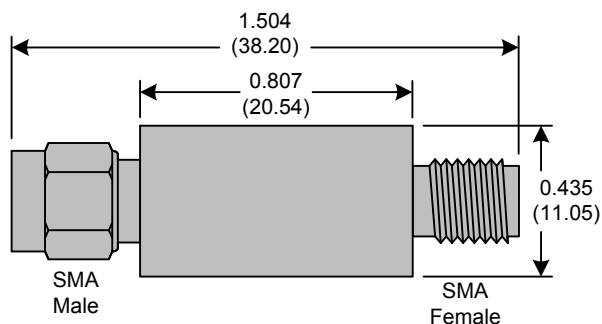
- 7th Order Butterworth Response
- 50Ω SMA Connectors

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.

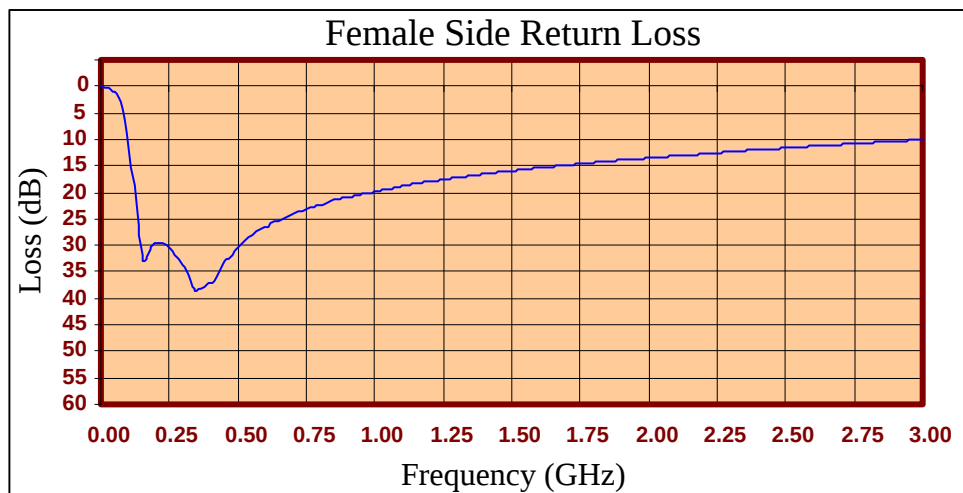
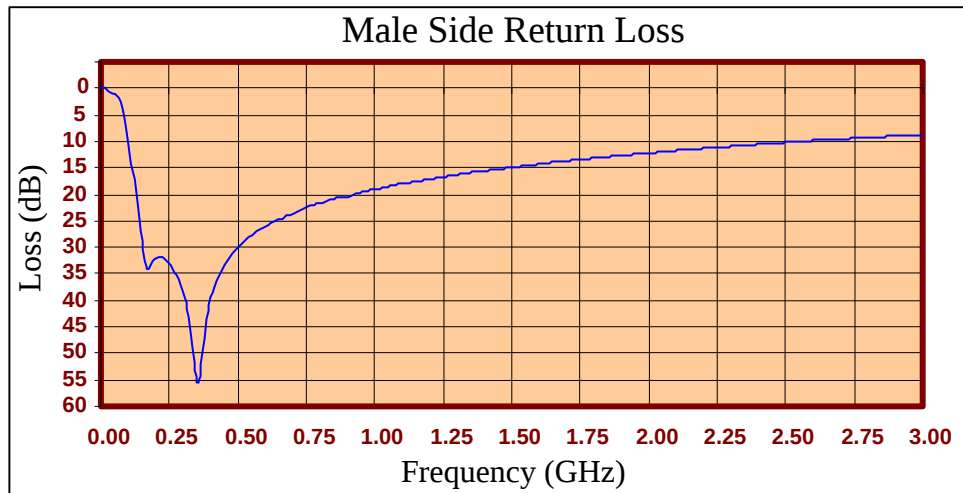
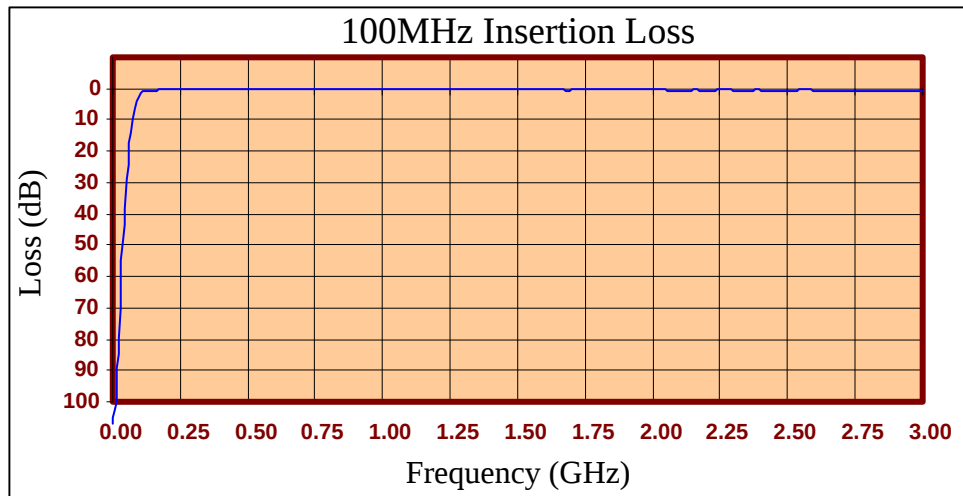
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CRYSTEK
CORPORATION

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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

Product Control:

Crystek Part Number:	CHPFL-0100	Release Date:	18-Aug-2015
Revision Level:	D	Responsible:	K. Piotrowicz

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Mouser Electronics

Authorized Distributor

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