



CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Low Pass Filter
50Ω SMA
7th Order



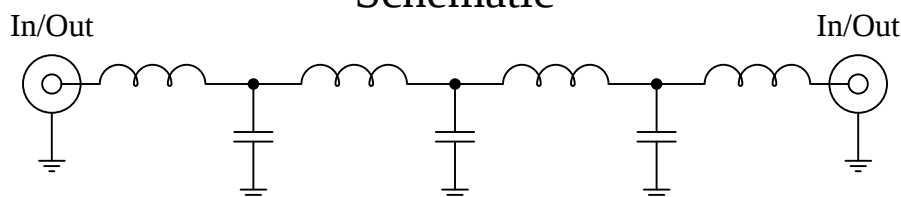
Part Number: CLPFL-0200

Low Pass Range
DC to 200MHz

New
Low Pass Filters



Schematic



Features:

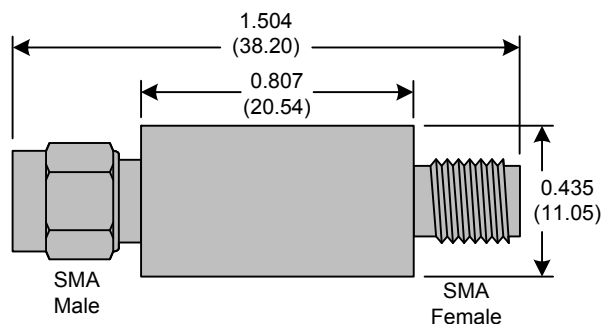
- 7th Order Butterworth Response
- 50Ω SMA Connectors

Applications:

- Test Equipment
- Lab Use

Maximum Ratings:

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

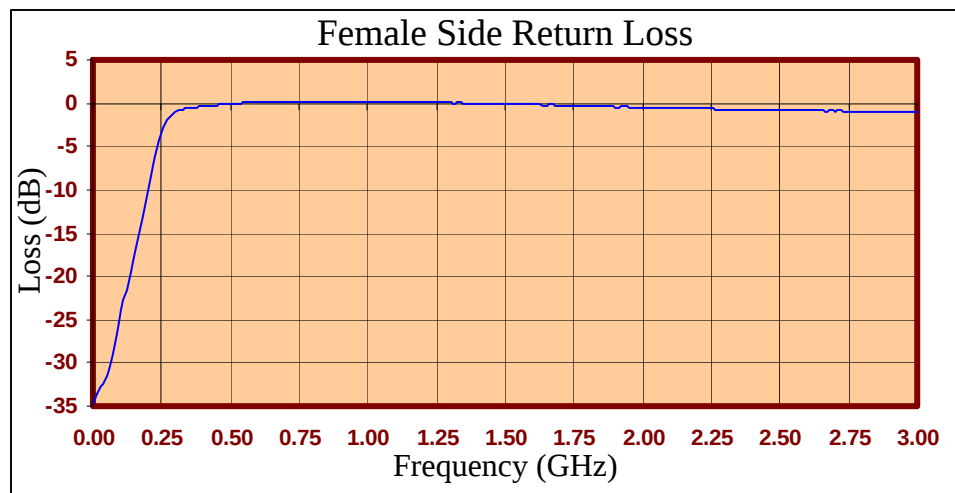
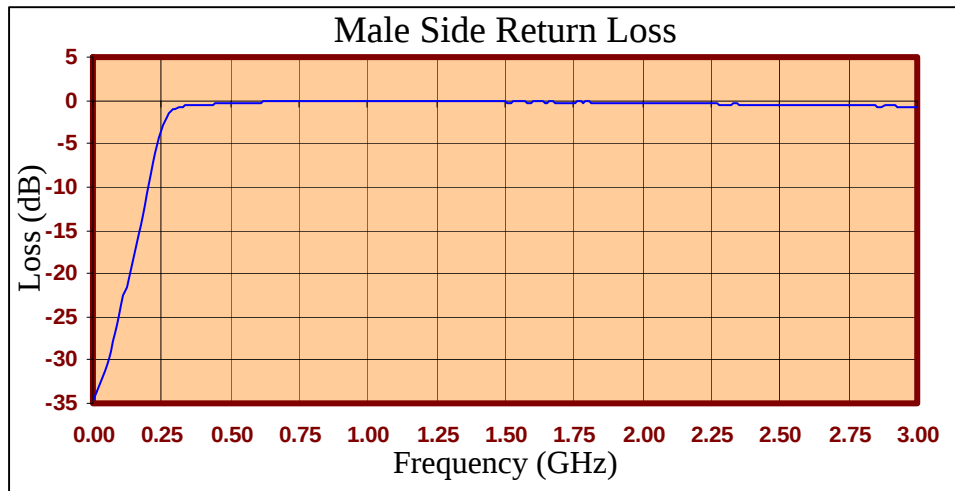
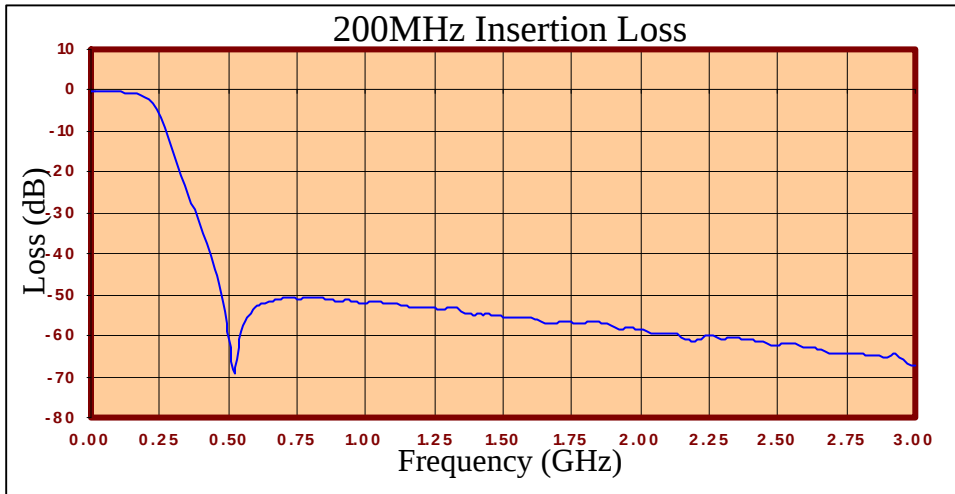


Crystek's new line of Low Pass Filters are designed in a rugged SMA housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.



CRYSTEK
CORPORATION

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FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
0.3	-0.17	-34.76	-34.73
15.3	-0.18	-33.64	-33.68
30.3	-0.29	-32.51	-32.76
45.3	-0.31	-31.32	-31.93
60.3	-0.33	-29.88	-30.73
75.3	-0.40	-27.89	-28.98
90.3	-0.43	-25.88	-26.64
105	-0.52	-23.79	-23.99
120	-0.58	-21.51	-21.55
135	-0.65	-19.49	-19.42
150	-0.79	-17.42	-17.27
165	-0.96	-15.37	-15.18
180	-1.24	-13.16	-12.98
195	-1.64	-10.77	-10.76
210	-2.20	-8.36	-8.32
225	-3.34	-6.07	-6.15
240	-4.84	-4.20	-4.21
255	-6.81	-2.78	-2.85
270	-9.22	-1.83	-1.97
285	-11.99	-1.30	-1.38
300	-15.02	-0.97	-1.10
330	-20.69	-0.71	-0.85
405	-35.02	-0.48	-0.72
450	-43.65	-0.38	-0.37
510	-64.73	-0.31	-0.22
585	-54.39	-0.26	-0.03
705	-50.72	-0.14	-0.08
810	-50.43	-0.13	0.00
900	-51.74	-0.08	0.00
1005	-51.78	-0.10	0.00
1245	-53.22	-0.08	-0.07
1500	-55.48	-0.13	-0.12
1755	-56.84	-0.25	-0.31
1995	-58.36	-0.28	-0.46
2250	-56.91	-0.41	-0.65
2505	-62.19	-0.49	-0.81
2745	-64.49	-0.61	-0.90
3000	-67.04	-0.67	-1.01

Product Control:

Crystek Part Number:	CLPFL-0200	Release Date:	15-Apr-10
Revision Level:	B	Responsible:	K. Piotrowicz

