



CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Low Pass Filter
50Ω SMA
7th Order

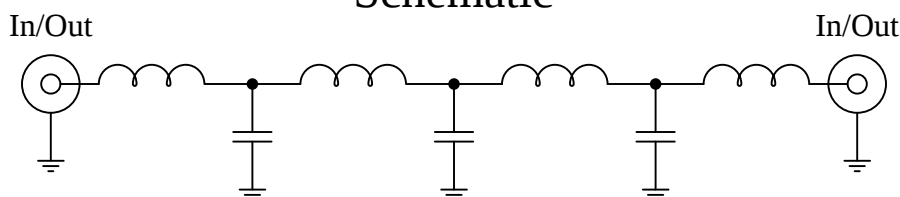


Part Number: CLPFL-2400

Low Pass Range
DC to 2400 MHz



Schematic



Features:

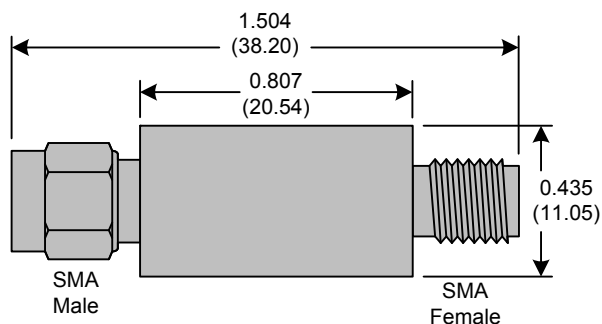
- 7th Order Butterworth Response
- 50Ω SMA Connectors

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.

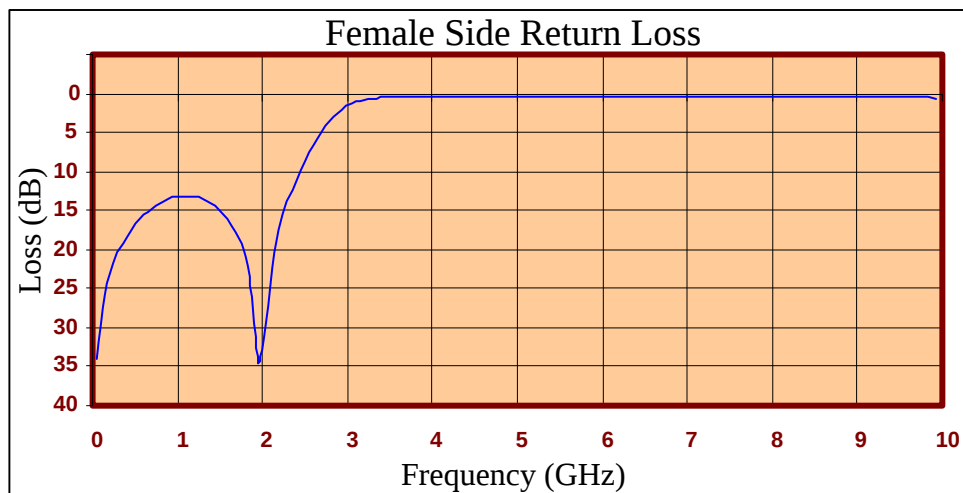
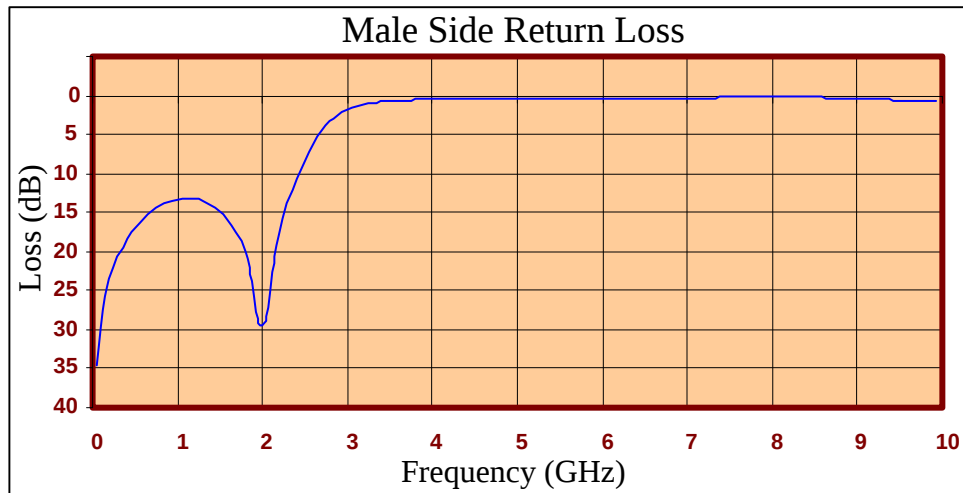
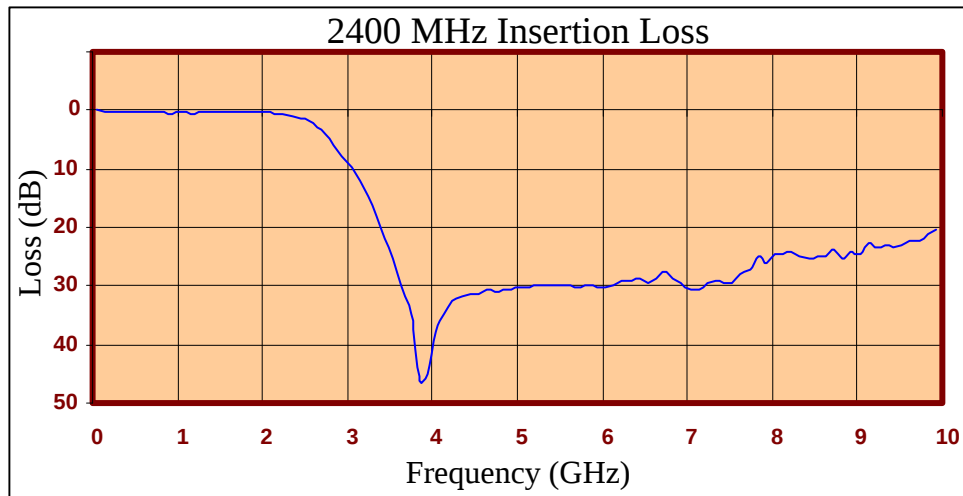
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CRYSTEK
CORPORATION

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)
50.000	0.04	34.46	34.11
249.500	0.11	21.95	21.87
449.000	0.20	17.62	17.47
648.500	0.28	15.26	15.10
848.000	0.34	13.88	13.75
947.750	0.45	13.48	13.36
1047.500	0.42	13.28	13.17
1247.000	0.39	13.37	13.35
1446.500	0.39	14.31	14.41
1546.250	0.38	15.24	15.44
1646.000	0.41	16.64	16.98
1845.500	0.40	22.10	23.49
2045.000	0.40	29.01	29.04
2244.500	0.78	15.67	15.56
2444.000	1.41	9.46	9.69
2643.500	2.89	5.39	5.71
3042.500	9.67	1.52	1.40
3341.750	18.07	0.86	0.57
3641.000	29.86	0.66	0.48
4040.000	37.76	0.40	0.49
4339.250	31.96	0.34	0.43
4638.500	30.66	0.36	0.37
5037.500	30.34	0.41	0.41
5336.750	29.85	0.42	0.45
5636.000	30.01	0.42	0.47
6035.000	30.08	0.40	0.45
6334.250	29.13	0.38	0.40
6633.500	28.67	0.35	0.34
7032.500	30.80	0.30	0.30
7331.750	29.25	0.27	0.28
7631.000	28.07	0.24	0.31
8030.000	24.55	0.22	0.35
8329.250	24.94	0.20	0.39
8628.500	24.99	0.30	0.41
9027.500	24.73	0.42	0.42
9326.750	23.08	0.55	0.44
9626.000	22.45	0.59	0.47
9925.250	20.37	0.71	0.56

Product Control:

Crystek Part Number:	CLPFL-2400	Release Date:	04-Aug-2015
Revision Level:	C	Responsible:	K. Piotrowicz

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