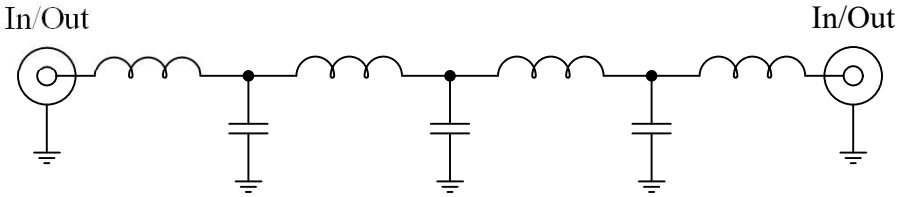
CRYSTEK MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Low Pass Filter
CLPFL-1200
50Ω SMA
7th Order
Low Pass Range
DC to 1200 MHz

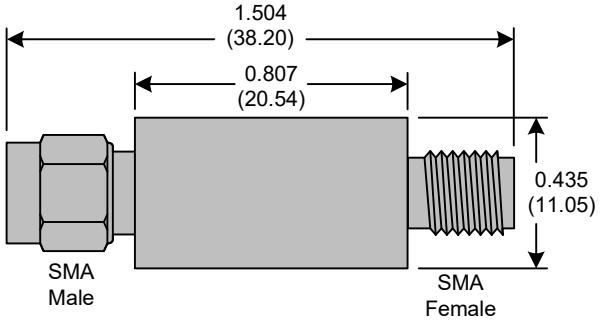


Schematic



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.

Product Control:			
Crystek Part Number:	CLPFL-1200	Release Date:	23-Apr-2026
Revision Level:	D	Responsible:	K. Piotrowicz

CRYSTEK CORPORATION
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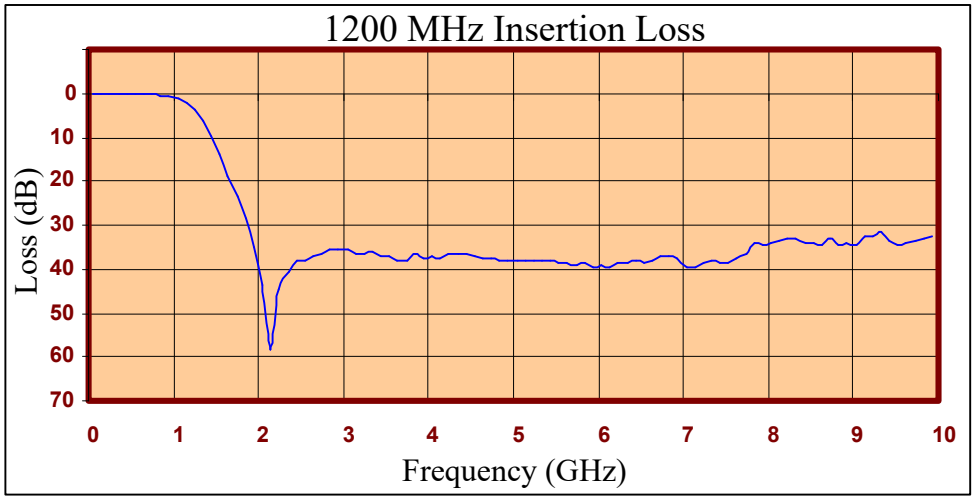

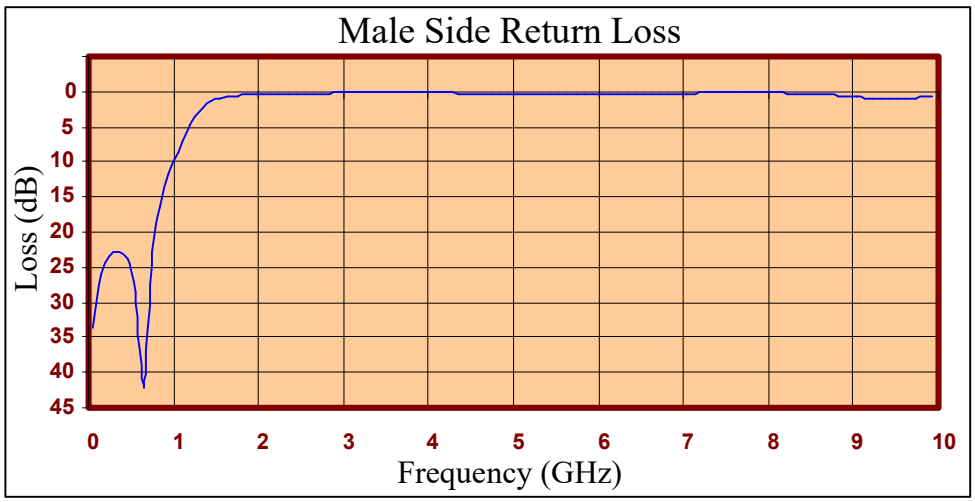

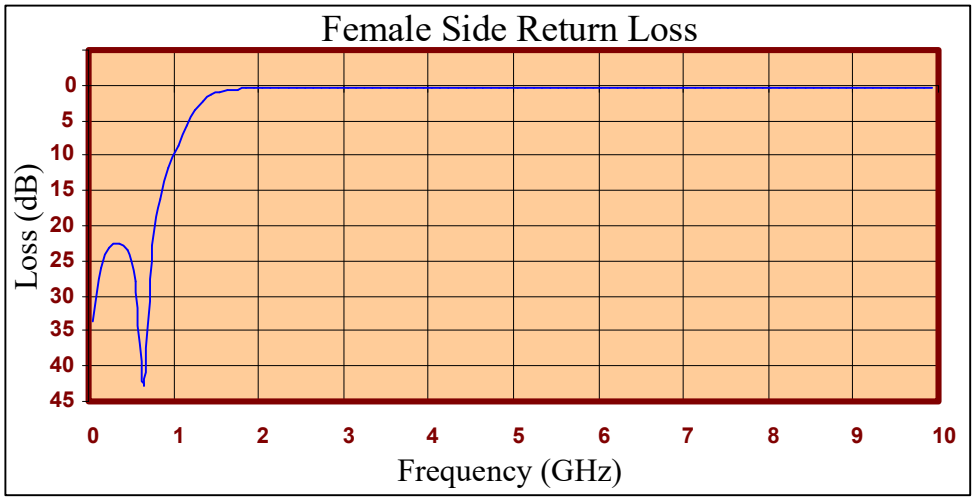

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FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
50.000	0.07	33.75	33.51
249.500	0.16	23.39	23.24
449.000	0.20	23.94	23.53
648.500	0.28	42.15	42.72
848.000	0.51	16.26	16.21
947.750	0.79	11.89	11.80
1047.500	1.21	8.54	8.48
1247.000	3.57	3.64	3.70
1446.500	9.99	1.27	1.38
1546.250	13.65	0.87	0.95
1646.000	18.62	0.68	0.72
1845.500	28.35	0.52	0.47
2045.000	43.85	0.43	0.33
2244.500	44.43	0.35	0.26
2444.000	38.12	0.30	0.25
2643.500	37.15	0.25	0.26
3042.500	35.79	0.20	0.34
3341.750	36.23	0.15	0.40
3641.000	37.94	0.07	0.43
4040.000	36.95	0.10	0.37
4339.250	36.54	0.24	0.33
4638.500	37.58	0.32	0.35
5037.500	38.28	0.36	0.42
5336.750	38.29	0.36	0.46
5636.000	38.55	0.36	0.44
6035.000	39.33	0.33	0.37
6334.250	38.58	0.31	0.31
6633.500	38.34	0.28	0.26
7032.500	39.37	0.23	0.23
7331.750	38.00	0.22	0.25
7631.000	37.36	0.19	0.29
8030.000	33.82	0.20	0.34
8329.250	33.26	0.24	0.38
8628.500	34.42	0.44	0.39
9027.500	34.59	0.79	0.38
9326.750	31.69	0.96	0.47
9626.000	33.88	0.88	0.46
9925.250	32.61	0.84	0.54

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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.

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