CRYSTEK MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

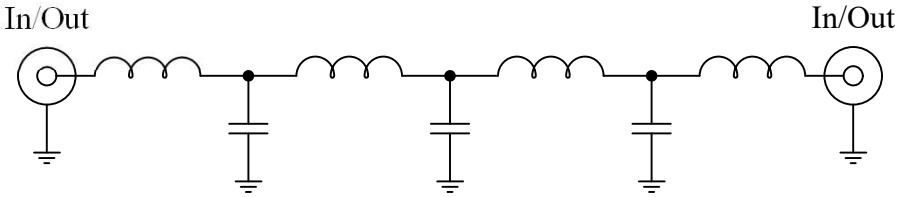
Low Pass Filter
CLPFL-0600
50Ω SMA
7th Order
Low Pass Range
DC to 600 MHz

CRYSTEK CORPORATION
MADE IN THE USA

RoHS Compliant

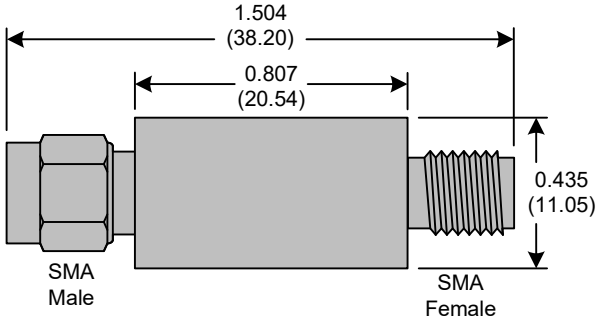


Schematic



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-0600	Release Date:	21-Apr-2026
Revision Level:	D	Responsible:	K. Piotrowicz

CRYSTEK CORPORATION
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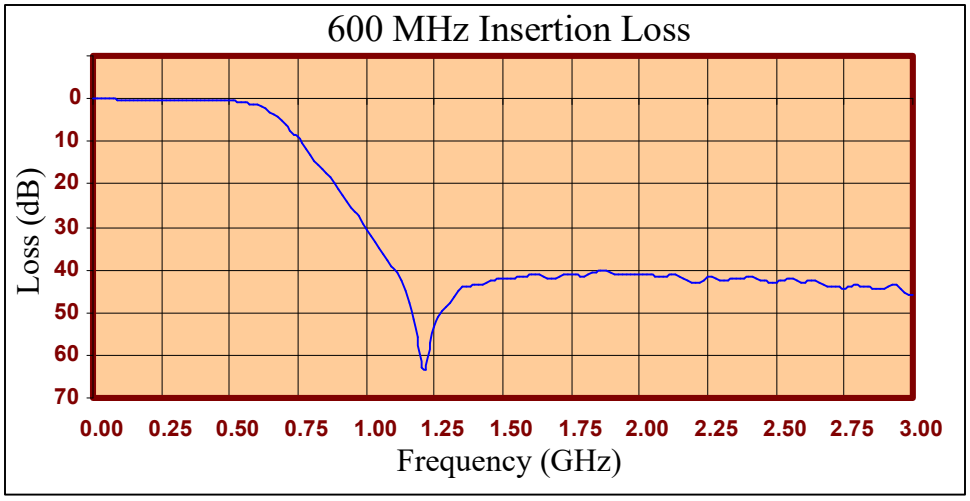
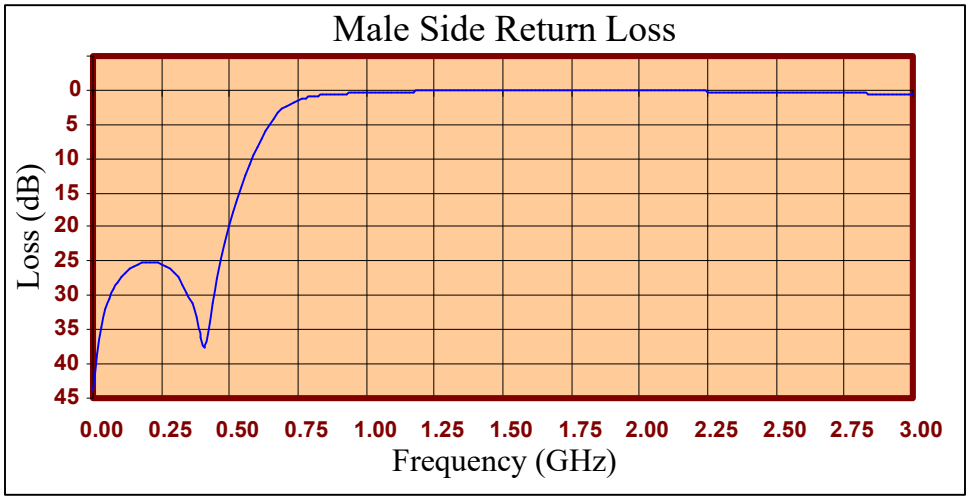
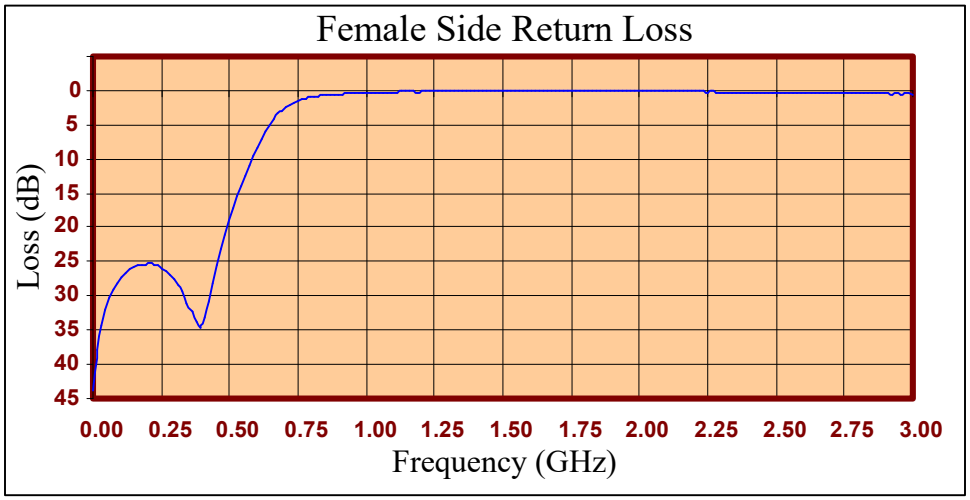
CLPFL-0600







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CLPFL-0600

FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
0.3	0.05	43.91	43.81
15.3	0.05	38.35	38.04
30.3	0.13	34.55	34.48
45.3	0.12	32.11	31.97
60.3	0.15	30.39	30.25
75.3	0.16	29.08	28.94
90.3	0.20	28.09	28.10
105	0.18	27.27	27.23
120	0.19	26.61	26.74
135	0.20	26.18	26.17
150	0.26	25.77	25.83
165	0.26	25.43	25.54
180	0.28	25.22	25.48
195	0.27	25.13	25.35
210	0.27	25.06	25.30
225	0.29	25.08	25.50
240	0.30	25.23	25.59
255	0.32	25.44	25.99
270	0.32	25.76	26.35
285	0.32	26.17	26.86
300	0.33	26.69	27.68
330	0.38	28.36	29.36
405	0.43	37.66	33.24
450	0.56	27.67	25.44
510	0.61	17.88	17.30
585	1.39	9.58	9.47
705	6.27	2.35	2.37
810	14.48	0.86	0.89
900	21.24	0.55	0.54
1005	30.89	0.37	0.32
1245	53.38	0.14	0.09
1500	42.23	0.03	-0.01
1755	41.06	0.05	-0.02
1995	40.94	0.10	0.09
2250	41.82	0.18	0.19
2505	42.84	0.31	0.30
2745	44.29	0.44	0.41
3000	45.80	0.55	0.49

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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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