CRYSTEK MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

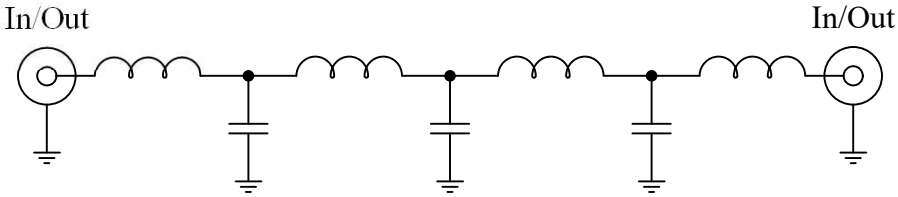
Low Pass Filter
CLPFL-0300
50Ω SMA
7th Order
Low Pass Range
DC to 300 MHz

CRYSTEK CORPORATION
MADE IN THE USA

RoHS Compliant

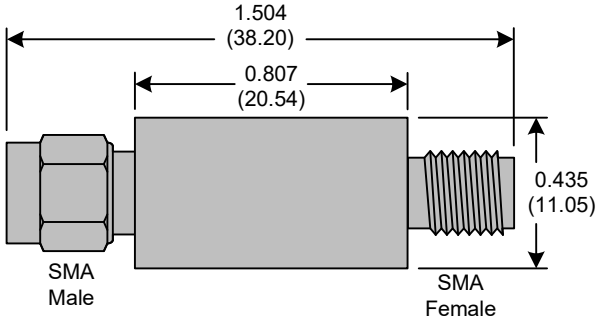


Schematic



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-0300	Release Date:	21-Apr-2026
Revision Level:	D	Responsible:	K. Piotrowicz

CRYSTEK CORPORATION
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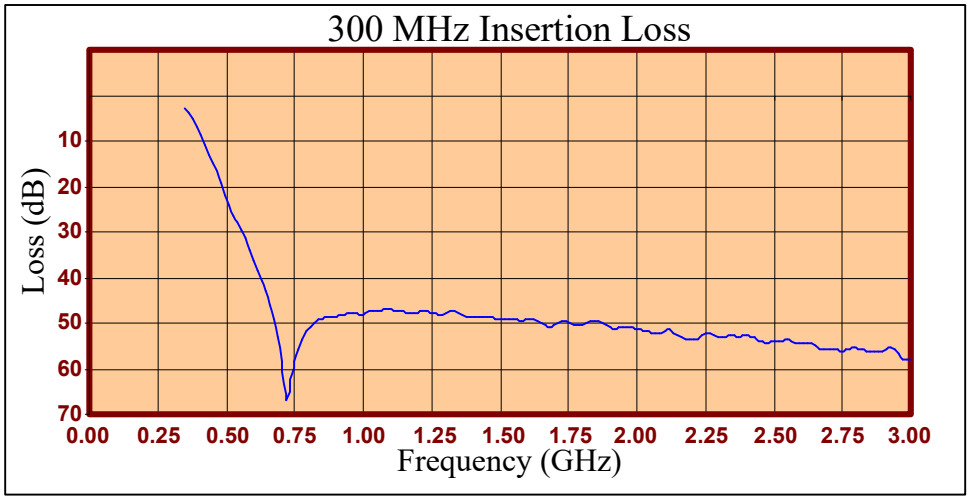
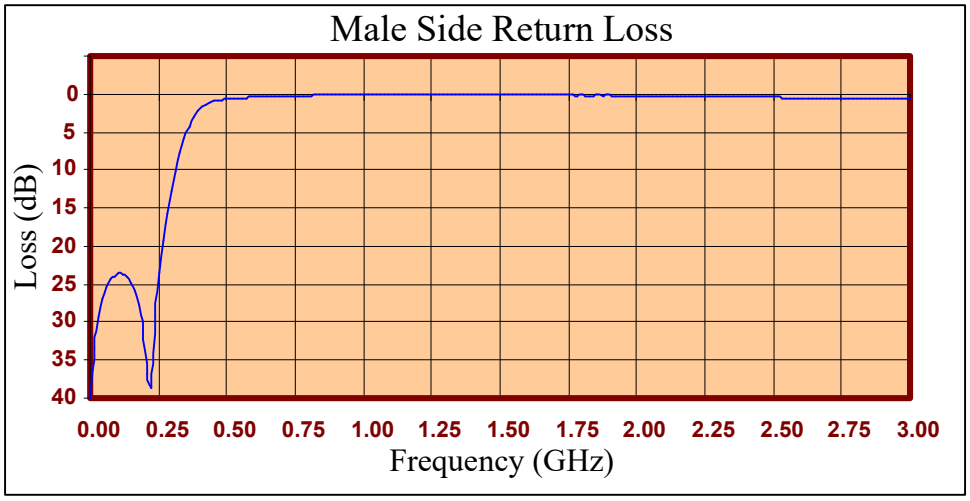
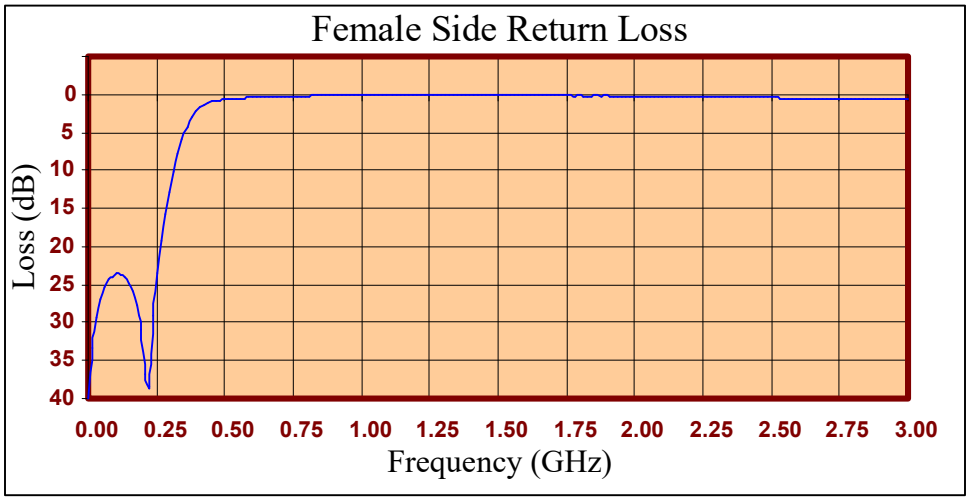
CLPFL-0300







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CLPFL-0300

FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
0.3	0.10	40.05	39.82
15.3	0.10	33.41	33.46
30.3	0.19	29.25	29.35
45.3	0.21	26.90	26.83
60.3	0.25	25.39	25.35
75.3	0.31	24.38	24.45
90.3	0.30	23.91	23.84
105	0.35	23.45	23.67
120	0.37	23.65	23.81
135	0.40	23.90	24.24
150	0.45	24.72	25.00
165	0.43	25.98	26.27
180	0.47	27.81	28.24
195	0.53	31.02	31.37
210	0.51	36.80	38.11
225	0.61	38.31	41.23
240	0.62	29.06	29.68
255	0.71	23.42	24.02
270	0.82	19.33	20.03
285	0.95	15.87	16.43
300	1.16	12.88	13.34
330	2.12	7.82	8.23
405	8.84	1.76	1.87
450	14.74	0.95	1.04
510	24.32	0.63	0.60
585	33.83	0.44	0.27
705	58.64	0.30	-0.04
810	50.67	0.26	-0.21
900	48.73	0.11	-0.28
1005	47.89	0.14	-0.33
1245	47.56	0.08	-0.28
1500	49.25	0.06	-0.09
1755	50.04	0.18	0.15
1995	51.19	0.22	0.36
2250	52.29	0.34	0.67
2505	54.06	0.45	0.96
2745	56.02	0.59	1.32
3000	57.97	0.68	1.81

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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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