

Part Number: CLPFL-1600

Low Pass Range  
DC to 1600MHz

**New**  
**Low Pass Filters**



### Features:

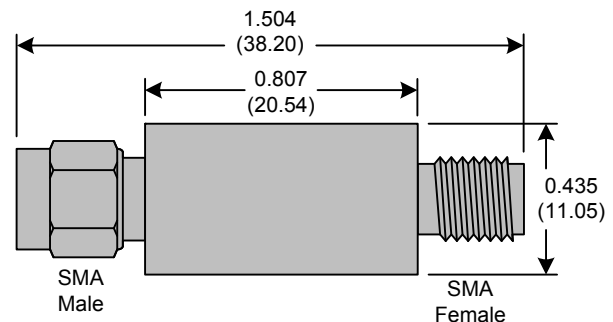
- 7<sup>th</sup> Order Butterworth Response
- 50Ω SMA Connectors

### Applications:

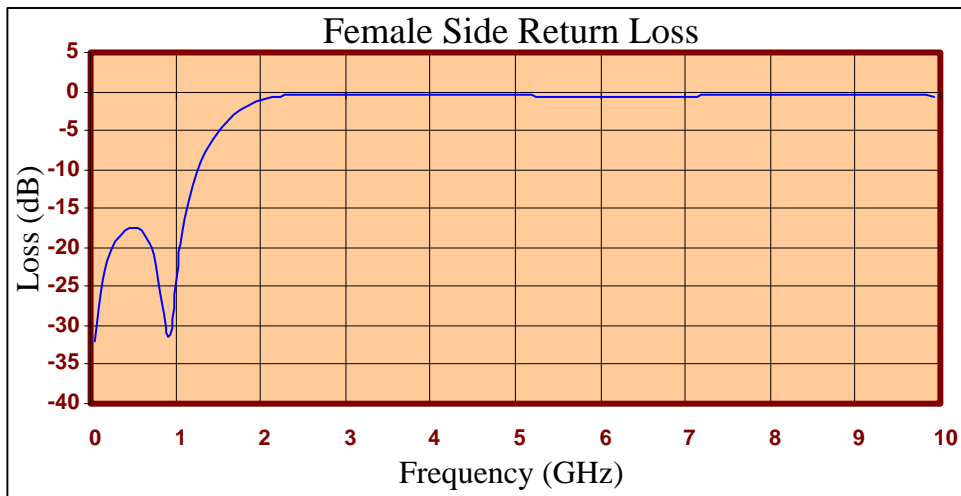
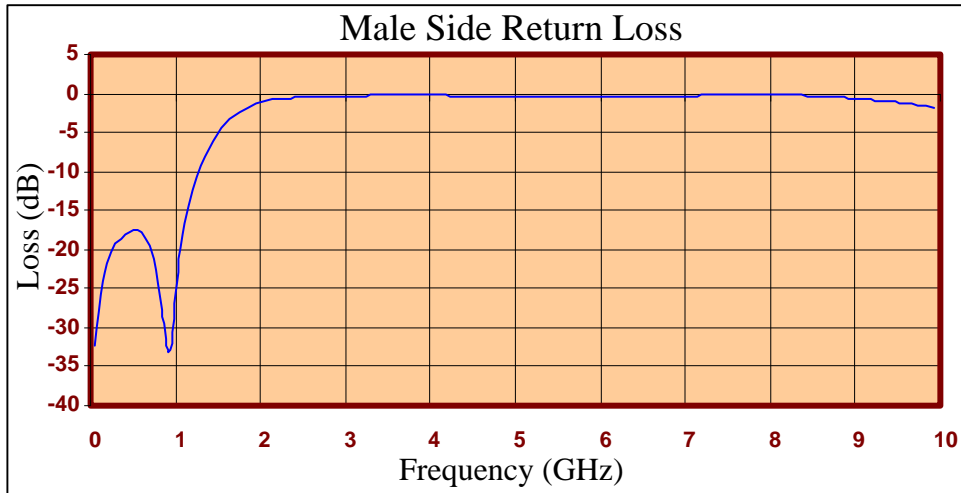
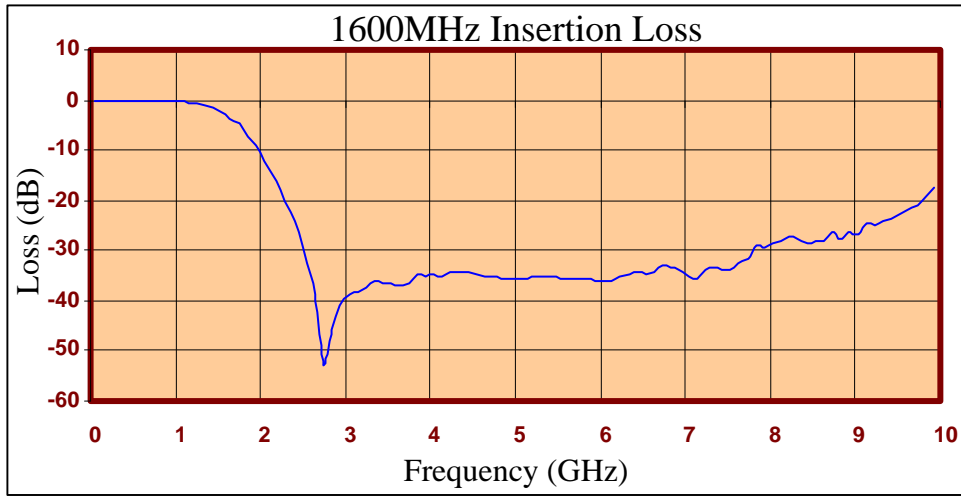
- Test Equipment
- Lab Use

### 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.





FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
50.000	-0.02	-32.19	-32.15
249.500	-0.15	-20.40	-20.37
449.000	-0.22	-17.66	-17.56
648.500	-0.23	-18.65	-18.52
848.000	-0.24	-27.72	-27.30
947.750	-0.28	-32.83	-31.08
1047.500	-0.34	-19.84	-19.62
1247.000	-0.66	-10.61	-10.52
1446.500	-1.44	-6.05	-6.01
1546.250	-2.52	-4.54	-4.54
1646.000	-3.59	-3.37	-3.41
1845.500	-7.35	-1.80	-1.89
2045.000	-12.23	-1.03	-1.04
2244.500	-18.08	-0.70	-0.63
2444.000	-26.50	-0.53	-0.42
2643.500	-38.90	-0.42	-0.33
3042.500	-38.88	-0.31	-0.33
3345.750	-36.18	-0.26	-0.40
3641.000	-36.77	-0.18	-0.45
4040.000	-34.76	-0.19	-0.42
4339.250	-34.36	-0.31	-0.39
4638.500	-35.08	-0.39	-0.42
5037.500	-35.48	-0.46	-0.53
5336.750	-35.30	-0.47	-0.61
5636.000	-35.47	-0.47	-0.65
6035.000	-35.91	-0.45	-0.68
6334.250	-34.91	-0.42	-0.69
6633.500	-34.34	-0.37	-0.67
7032.500	-35.40	-0.30	-0.60
7331.750	-33.58	-0.26	-0.50
7631.000	-32.42	-0.21	-0.46
8030.000	-28.40	-0.19	-0.47
8329.250	-27.88	-0.21	-0.49
8628.500	-27.89	-0.38	-0.49
9027.500	-26.68	-0.70	-0.44
9326.750	-24.10	-1.01	-0.42
9626.000	-21.88	-1.29	-0.43
9925.250	-17.44	-1.75	-0.65

**Product Control:**

Crystek Part Number:	CLPFL-1600	Release Date:	10-Jan-11
Revision Level:	A	Responsible:	K. Piotrowicz

