CRYSTEK MICROWAVE
A Division of Crystek Corporation

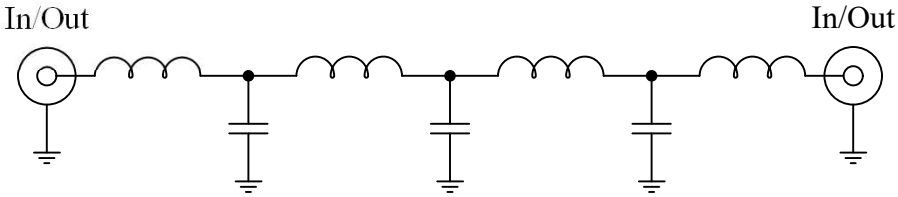
# Low Pass Filter
# CLPFL-1400
# 50Ω SMA
# 7th Order
# Low Pass Range
# DC to 1400 MHz

CRYSTEK CORPORATION
MADE IN THE USA

RoHS Compliant

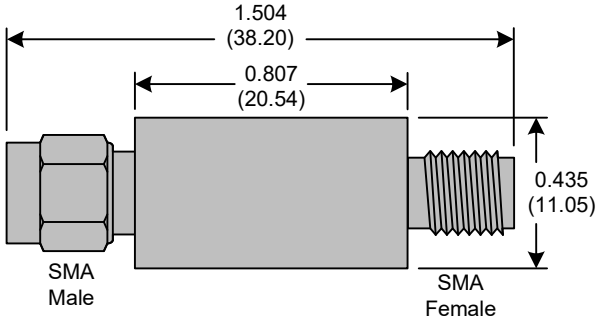



## Schematic




## 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-1400 | Release Date: | 23-Apr-2026 |
| Revision Level: | D | Responsible: | K. Piotrowicz |



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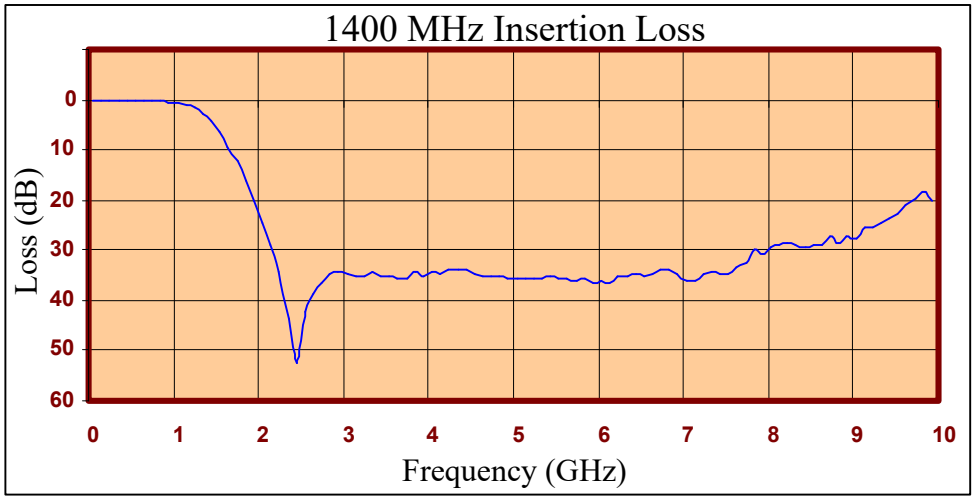
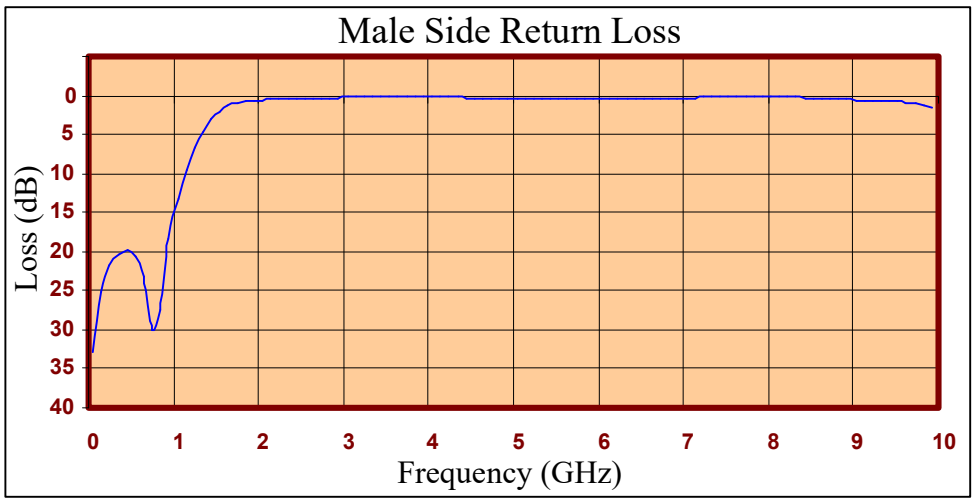
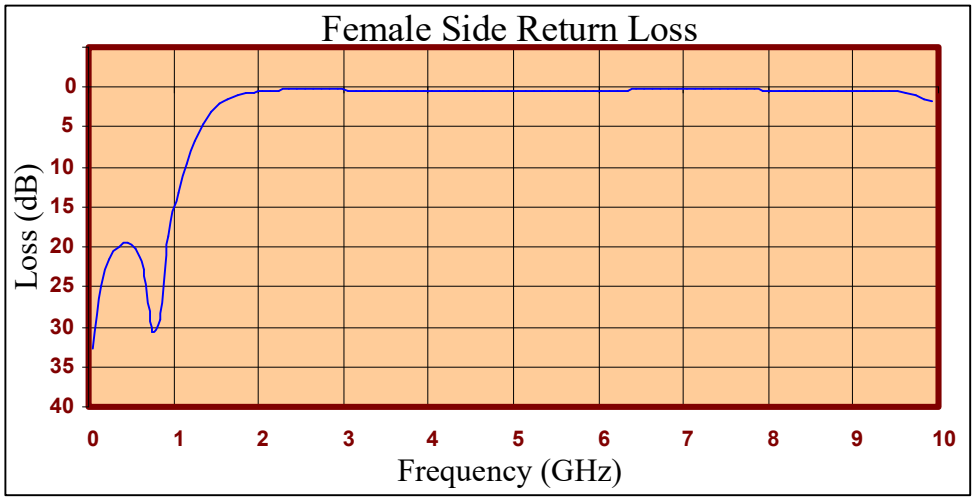
# CLPFL-1400

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| FREQ (MHz) | INSERTION LOSS (dB) | Male Return Loss (dB) | Female Return Loss (dB) |
|---|---|---|---|
| 50.000 | 0.05 | 32.92 | 32.82 |
| 249.500 | 0.15 | 21.78 | 21.56 |
| 449.000 | 0.21 | 19.87 | 19.48 |
| 648.500 | 0.24 | 23.26 | 22.81 |
| 848.000 | 0.33 | 27.42 | 29.04 |
| 947.750 | 0.44 | 18.49 | 18.67 |
| 1047.500 | 0.63 | 13.30 | 13.30 |
| 1247.000 | 1.50 | 6.81 | 6.80 |
| 1446.500 | 4.10 | 3.06 | 3.17 |
| 1546.250 | 6.28 | 1.98 | 2.13 |
| 1646.000 | 9.47 | 1.32 | 1.47 |
| 1845.500 | 16.35 | 0.75 | 0.83 |
| 2045.000 | 24.49 | 0.59 | 0.54 |
| 2244.500 | 34.27 | 0.48 | 0.37 |
| 2444.000 | 52.38 | 0.40 | 0.30 |
| 2643.500 | 38.60 | 0.34 | 0.27 |
| 3042.500 | 34.73 | 0.26 | 0.34 |
| 3341.750 | 34.44 | 0.20 | 0.41 |
| 3641.000 | 35.84 | 0.12 | 0.46 |
| 4040.000 | 34.39 | 0.13 | 0.41 |
| 4339.250 | 34.07 | 0.26 | 0.37 |
| 4638.500 | 34.98 | 0.34 | 0.39 |
| 5037.500 | 35.53 | 0.38 | 0.46 |
| 5336.750 | 35.43 | 0.37 | 0.49 |
| 5636.000 | 35.64 | 0.38 | 0.47 |
| 6035.000 | 36.23 | 0.38 | 0.40 |
| 6334.250 | 35.32 | 0.36 | 0.34 |
| 6633.500 | 34.87 | 0.35 | 0.28 |
| 7032.500 | 36.01 | 0.29 | 0.25 |
| 7331.750 | 34.38 | 0.25 | 0.26 |
| 7631.000 | 33.35 | 0.20 | 0.30 |
| 8030.000 | 29.41 | 0.19 | 0.35 |
| 8329.250 | 28.82 | 0.23 | 0.38 |
| 8628.500 | 28.95 | 0.39 | 0.38 |
| 9027.500 | 27.48 | 0.59 | 0.38 |
| 9326.750 | 24.34 | 0.72 | 0.45 |
| 9626.000 | 21.02 | 0.86 | 0.74 |
| 9925.250 | 19.92 | 1.43 | 1.67 |

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