

**CRYSTEK**  
**MICROWAVE**  
A DIVISION OF CRYSTEK CORPORATION

Low Pass Filter  
50Ω SMA  
7<sup>th</sup> Order



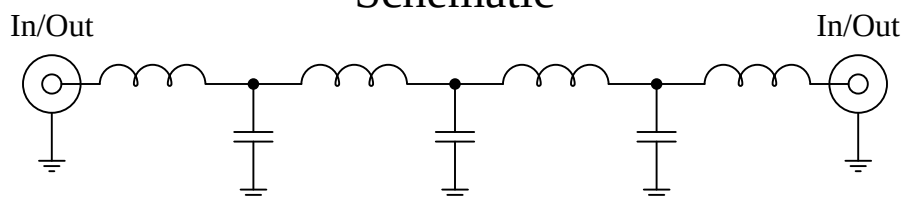
Part Number: CLPFL-2000

Low Pass Range  
DC to 2000MHz

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



Schematic



### Features:

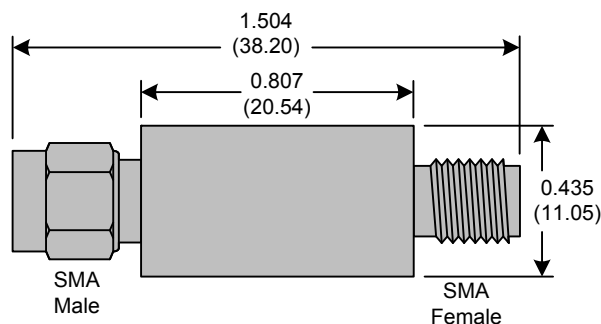
- 7<sup>th</sup> Order Butterworth Response
- 50Ω SMA Connectors

### Applications:

- Test Equipment
- Lab Use

### Maximum Ratings:

- +36dBm (4 Watts)
- Operating Temperature: -40°C to 85°C
- Storage Temperature: -55°C to 100°C

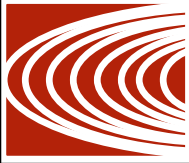


Crystek's new line of Low Pass Filters are designed in a rugged SMA housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.



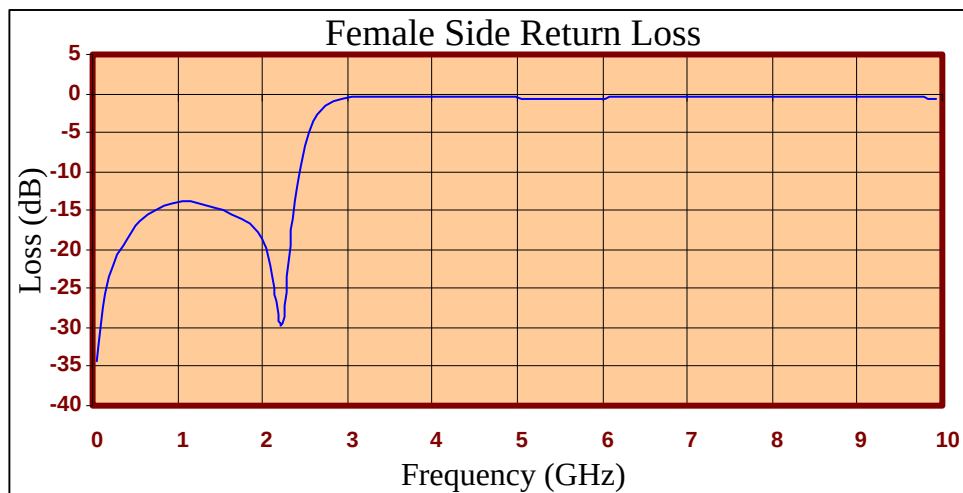
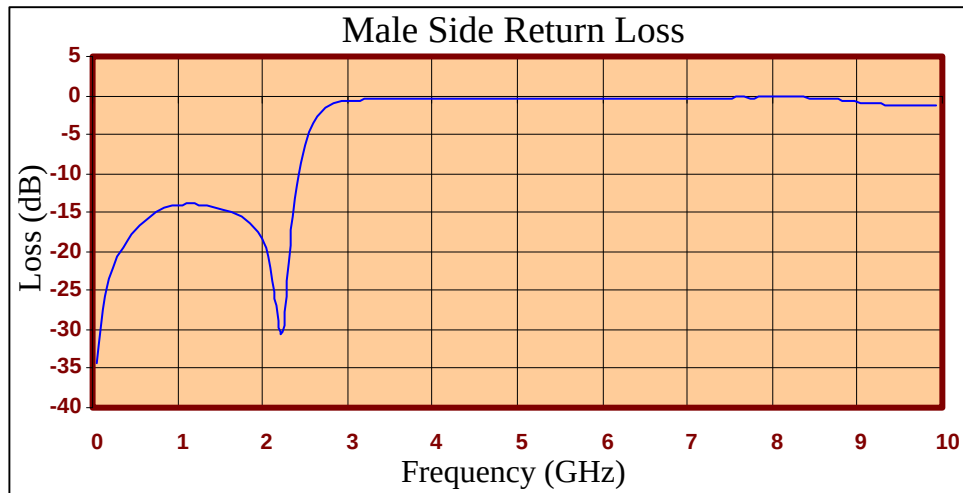
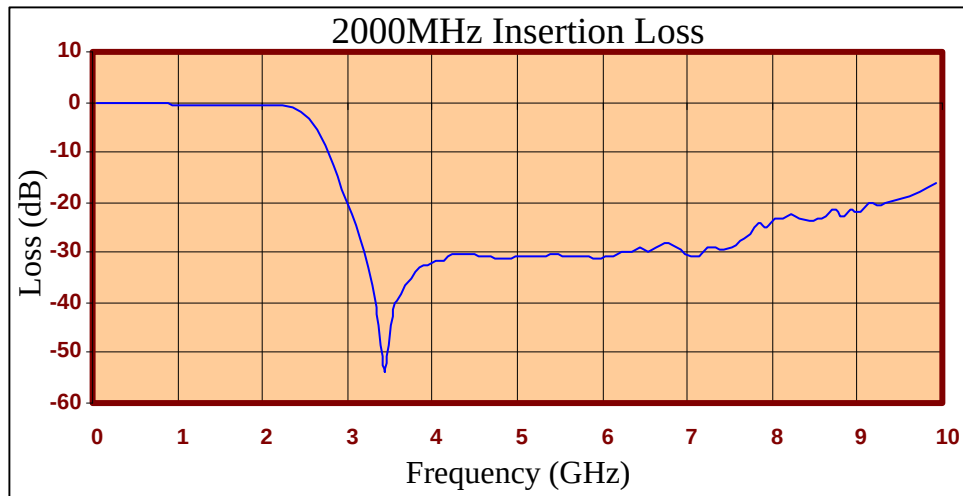
**CRYSTEK**  
CORPORATION

12730 COMMONWEALTH DRIVE • FORT MYERS, FLORIDA 33913  
PHONE: 239-561-3311 • 800-237-3061  
FAX: 239-561-1025 • WWW.CRYSTEK.COM



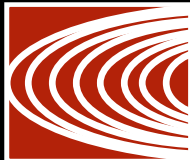
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Low Pass Filter  
CLPFL-2000



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| FREQ<br>(MHz) | INSERTION LOSS<br>(dB) | Male Return Loss<br>(dB) | Female Return Loss<br>(dB) |
|---------------|------------------------|--------------------------|----------------------------|
| 50.000        | -0.02                  | -34.28                   | -34.19                     |
| 249.500       | -0.13                  | -22.00                   | -21.92                     |
| 449.000       | -0.21                  | -17.84                   | -17.67                     |
| 648.500       | -0.29                  | -15.70                   | -15.49                     |
| 848.000       | -0.33                  | -14.48                   | -14.34                     |
| 947.750       | -0.44                  | -14.14                   | -14.03                     |
| 1047.500      | -0.43                  | -13.96                   | -13.88                     |
| 1247.000      | -0.45                  | -13.95                   | -13.99                     |
| 1446.500      | -0.52                  | -14.34                   | -14.53                     |
| 1546.250      | -0.48                  | -14.68                   | -14.92                     |
| 1646.000      | -0.59                  | -15.08                   | -15.39                     |
| 1845.500      | -0.62                  | -16.24                   | -16.65                     |
| 2045.000      | -0.60                  | -19.59                   | -19.84                     |
| 2244.500      | -0.68                  | -30.28                   | -29.55                     |
| 2444.000      | -1.97                  | -8.81                    | -8.81                      |
| 2643.500      | -5.56                  | -2.57                    | -2.62                      |
| 3042.500      | -22.37                 | -0.66                    | -0.50                      |
| 3345.750      | -41.12                 | -0.50                    | -0.44                      |
| 3641.000      | -38.14                 | -0.38                    | -0.51                      |
| 4040.000      | -31.59                 | -0.28                    | -0.51                      |
| 4339.250      | -30.49                 | -0.34                    | -0.48                      |
| 4638.500      | -30.66                 | -0.40                    | -0.48                      |
| 5037.500      | -30.95                 | -0.46                    | -0.57                      |
| 5336.750      | -30.60                 | -0.48                    | -0.63                      |
| 5636.000      | -30.70                 | -0.48                    | -0.63                      |
| 6035.000      | -30.83                 | -0.47                    | -0.56                      |
| 6334.250      | -29.76                 | -0.44                    | -0.49                      |
| 6633.500      | -29.14                 | -0.42                    | -0.41                      |
| 7032.500      | -30.67                 | -0.36                    | -0.35                      |
| 7331.750      | -28.91                 | -0.31                    | -0.33                      |
| 7631.000      | -27.53                 | -0.26                    | -0.34                      |
| 8030.000      | -23.37                 | -0.22                    | -0.37                      |
| 8329.250      | -23.17                 | -0.23                    | -0.38                      |
| 8628.500      | -22.84                 | -0.45                    | -0.40                      |
| 9027.500      | -22.01                 | -0.88                    | -0.41                      |
| 9326.750      | -19.92                 | -1.13                    | -0.46                      |
| 9626.000      | -18.63                 | -1.19                    | -0.52                      |
| 9925.250      | -16.10                 | -1.24                    | -0.63                      |

**Product Control:**

|                      |            |               |               |
|----------------------|------------|---------------|---------------|
| Crystek Part Number: | CLPFL-2000 | Release Date: | 10-Jan-11     |
| Revision Level:      | A          | Responsible:  | K. Piotrowicz |



# AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit [www.ameya360.com](http://www.ameya360.com)

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