

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

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



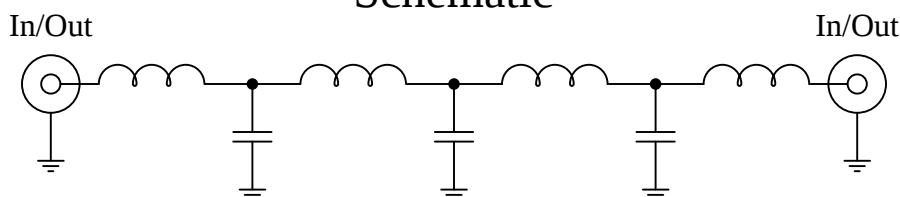
Part Number: CLPFL-0900

Low Pass Range  
DC to 900 MHz

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



Schematic



### Features:

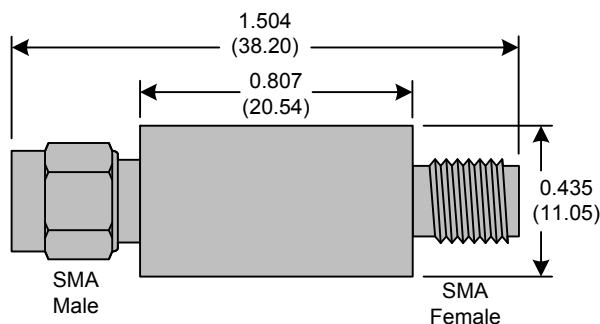
- 7<sup>th</sup> Order Butterworth Response
- 50Ω SMA Connectors

### 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.

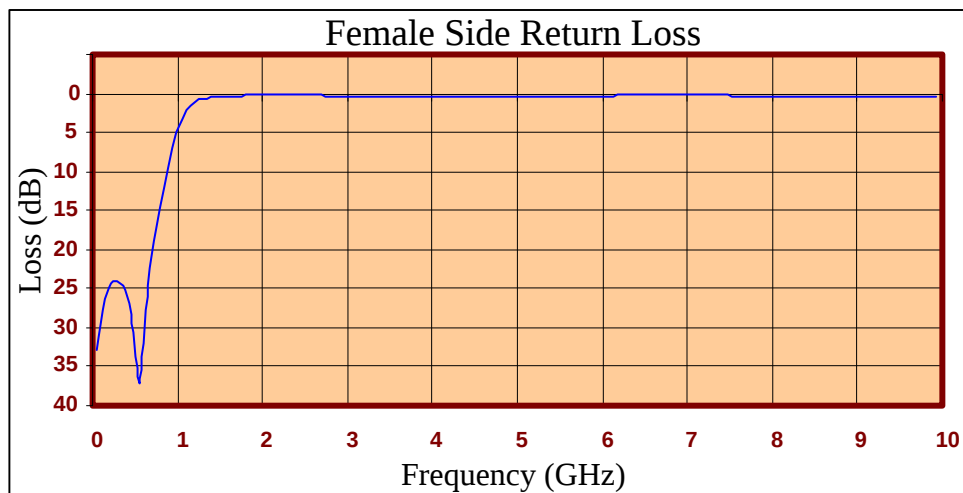
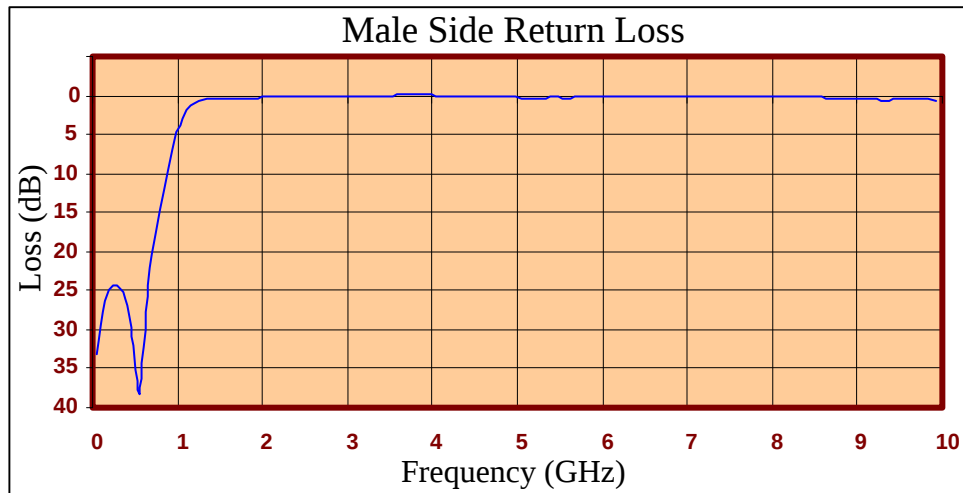
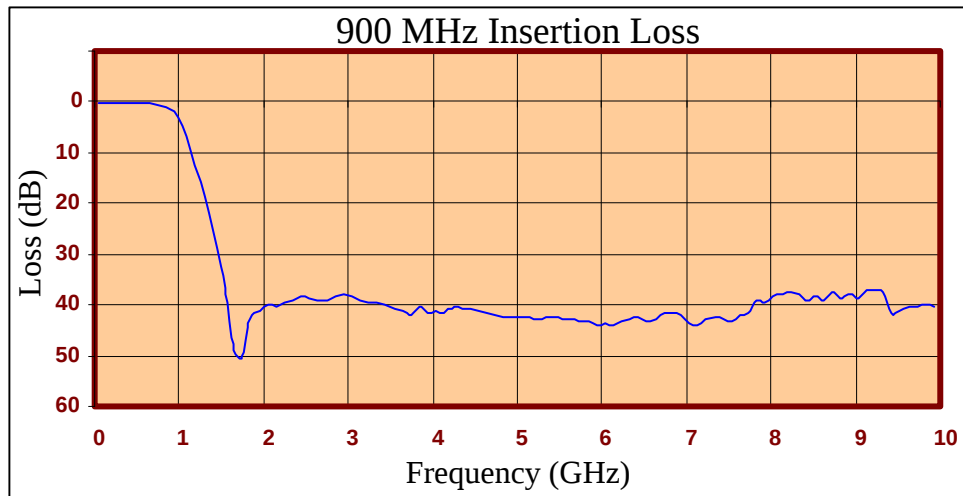
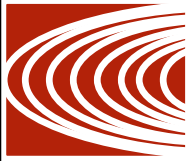
Rev B

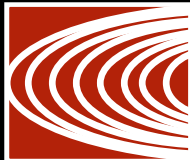
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**CRYSTEK**  
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| FREQ<br>(MHz) | INSERTION LOSS<br>(dB) | Male Return Loss<br>(dB) | Female Return Loss<br>(dB) |
|---------------|------------------------|--------------------------|----------------------------|
| 50.000        | 0.06                   | 33.28                    | 33.02                      |
| 249.500       | 0.18                   | 24.43                    | 24.07                      |
| 449.000       | 0.24                   | 29.64                    | 28.33                      |
| 648.500       | 0.39                   | 24.27                    | 24.50                      |
| 848.000       | 0.87                   | 11.96                    | 11.99                      |
| 947.750       | 1.96                   | 6.90                     | 6.98                       |
| 1047.500      | 4.60                   | 3.07                     | 3.20                       |
| 1247.000      | 15.78                  | 0.72                     | 0.82                       |
| 1446.500      | 28.83                  | 0.47                     | 0.46                       |
| 1546.250      | 36.47                  | 0.41                     | 0.38                       |
| 1646.000      | 49.01                  | 0.37                     | 0.32                       |
| 1845.500      | 42.94                  | 0.30                     | 0.24                       |
| 2045.000      | 40.02                  | 0.25                     | 0.21                       |
| 2244.500      | 39.37                  | 0.21                     | 0.21                       |
| 2444.000      | 38.18                  | 0.19                     | 0.23                       |
| 2643.500      | 39.01                  | 0.15                     | 0.27                       |
| 3042.500      | 38.32                  | 0.10                     | 0.34                       |
| 3341.750      | 39.36                  | 0.04                     | 0.37                       |
| 3641.000      | 41.32                  | 0.00                     | 0.37                       |
| 4040.000      | 41.15                  | 0.02                     | 0.31                       |
| 4339.250      | 40.67                  | 0.16                     | 0.29                       |
| 4638.500      | 41.67                  | 0.24                     | 0.32                       |
| 5037.500      | 42.55                  | 0.28                     | 0.40                       |
| 5336.750      | 42.60                  | 0.27                     | 0.42                       |
| 5636.000      | 42.86                  | 0.27                     | 0.39                       |
| 6035.000      | 43.82                  | 0.25                     | 0.31                       |
| 6334.250      | 42.99                  | 0.23                     | 0.24                       |
| 6633.500      | 42.85                  | 0.22                     | 0.20                       |
| 7032.500      | 43.59                  | 0.20                     | 0.20                       |
| 7331.750      | 42.33                  | 0.19                     | 0.23                       |
| 7631.000      | 42.08                  | 0.17                     | 0.28                       |
| 8030.000      | 38.40                  | 0.19                     | 0.36                       |
| 8329.250      | 37.84                  | 0.20                     | 0.37                       |
| 8628.500      | 39.02                  | 0.29                     | 0.38                       |
| 9027.500      | 38.74                  | 0.41                     | 0.38                       |
| 9326.750      | 37.66                  | 0.57                     | 0.42                       |
| 9626.000      | 40.39                  | 0.49                     | 0.41                       |
| 9925.250      | 40.21                  | 0.65                     | 0.55                       |

**Product Control:**

|                      |            |               |               |
|----------------------|------------|---------------|---------------|
| Crystek Part Number: | CLPFL-0900 | Release Date: | 10-Jun-2015   |
| Revision Level:      | B          | Responsible:  | K. Piotrowicz |

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# AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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