



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

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



Part Number: CLPFL-0200

Low Pass Range  
DC to 200 MHz

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



Schematic



### Features:

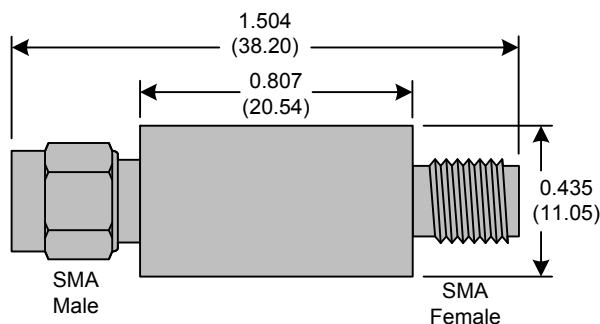
- 7<sup>th</sup> Order Butterworth Response
- 50Ω SMA Connectors

### 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.

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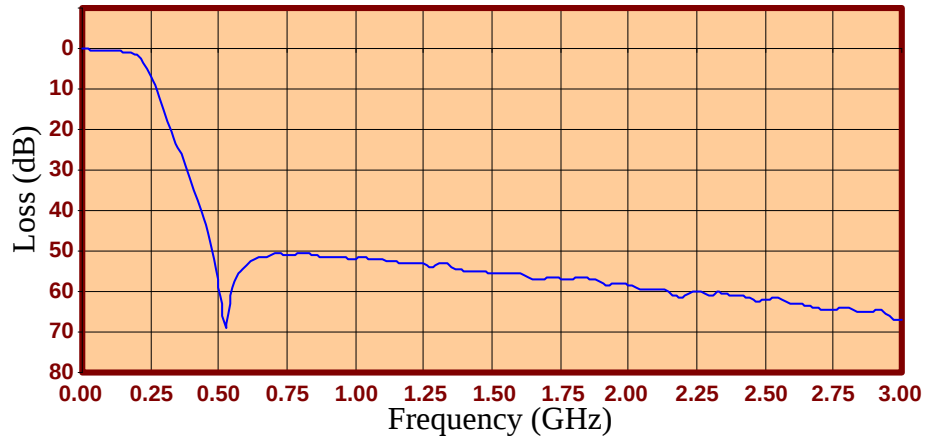


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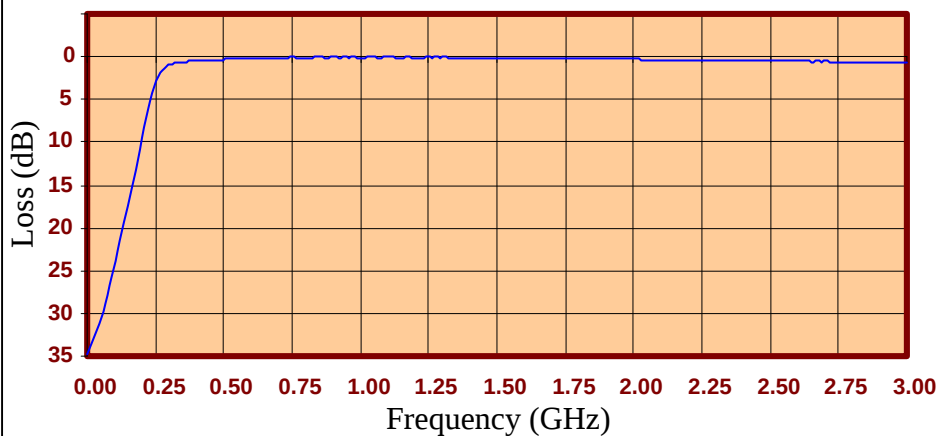
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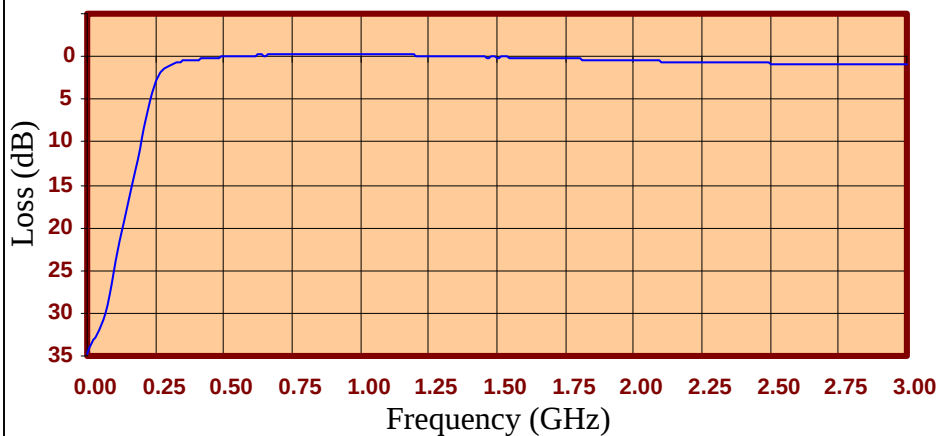
200 MHz Insertion Loss



Male Side Return Loss



Female Side Return Loss





| FREQ<br>(MHz) | INSERTION LOSS<br>(dB) | Male Return Loss<br>(dB) | Female Return Loss<br>(dB) |
|---------------|------------------------|--------------------------|----------------------------|
| 0.3           | 0.17                   | 34.76                    | 34.73                      |
| 15.3          | 0.18                   | 33.64                    | 33.68                      |
| 30.3          | 0.29                   | 32.51                    | 32.76                      |
| 45.3          | 0.31                   | 31.32                    | 31.93                      |
| 60.3          | 0.33                   | 29.88                    | 30.73                      |
| 75.3          | 0.40                   | 27.89                    | 28.98                      |
| 90.3          | 0.43                   | 25.88                    | 26.64                      |
| 105           | 0.52                   | 23.79                    | 23.99                      |
| 120           | 0.58                   | 21.51                    | 21.55                      |
| 135           | 0.65                   | 19.49                    | 19.42                      |
| 150           | 0.79                   | 17.42                    | 17.27                      |
| 165           | 0.96                   | 15.37                    | 15.18                      |
| 180           | 1.24                   | 13.16                    | 12.98                      |
| 195           | 1.64                   | 10.77                    | 10.76                      |
| 210           | 2.20                   | 8.36                     | 8.32                       |
| 225           | 3.34                   | 6.07                     | 6.15                       |
| 240           | 4.84                   | 4.20                     | 4.21                       |
| 255           | 6.81                   | 2.78                     | 2.85                       |
| 270           | 9.22                   | 1.83                     | 1.97                       |
| 285           | 11.99                  | 1.30                     | 1.38                       |
| 300           | 15.02                  | 0.97                     | 1.10                       |
| 330           | 20.69                  | 0.71                     | 0.72                       |
| 405           | 35.02                  | 0.48                     | 0.37                       |
| 450           | 43.65                  | 0.38                     | 0.22                       |
| 510           | 64.73                  | 0.31                     | 0.03                       |
| 585           | 54.39                  | 0.26                     | -0.08                      |
| 705           | 50.72                  | 0.14                     | -0.18                      |
| 810           | 50.43                  | 0.13                     | -0.24                      |
| 900           | 51.74                  | 0.08                     | -0.23                      |
| 1005          | 51.95                  | 0.10                     | -0.21                      |
| 1245          | 53.22                  | 0.08                     | -0.07                      |
| 1500          | 55.48                  | 0.13                     | 0.12                       |
| 1755          | 56.84                  | 0.25                     | 0.31                       |
| 1995          | 58.36                  | 0.28                     | 0.46                       |
| 2250          | 59.91                  | 0.41                     | 0.65                       |
| 2505          | 62.19                  | 0.49                     | 0.81                       |
| 2745          | 64.49                  | 0.61                     | 0.90                       |
| 3000          | 67.04                  | 0.67                     | 1.01                       |

**Product Control:**

|                      |            |               |               |
|----------------------|------------|---------------|---------------|
| Crystek Part Number: | CLPFL-0200 | Release Date: | 02-Jun-2015   |
| Revision Level:      | C          | Responsible:  | K. Piotrowicz |

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# AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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