

Lowpass Filter Operating From DC to 2 GHz With SMA Female Connectors

The FMFL021 is a Five section Low pass filter. The pass band is 2000 MHz wide, from 0 to 2000 MHz with excellent rejection of 50 dB at 4000 MHz. It has a maximum insertion loss of 1 dB. The FMFL021 has SMA female connectors and is rated to 10 watts.

Electrical Specifications*

| Description | Min | Typ | Max | Units |
|---------------------|-----|---------|-------|-------|
| Passband Freq. | DC | | 2 | GHz |
| Useable Freq. Range | | DC to 2 | | GHz |
| Impedance | | 50 | | Ohms |
| Insertion Loss | | | 1 | dB |
| Passband VSWR | | | 1.5:1 | |
| Input Power | | | 10 | Watts |
| Rejection at 3 GHz | 40 | | | dB |
| Rejection at 4 GHz | 60 | | | dB |

Mechanical Specifications

| | |
|-------------|----------------------|
| Size | |
| Length | 1.1 in [27.94 mm] |
| Width | 0.75 in [19.05 mm] |
| Height | 0.65 in [16.51 mm] |
| Weight | 0.0495 lbs [22.45 g] |

Connectors

| Description | Connector 1 | Connector 2 |
|-------------|-------------|-------------|
| Type | SMA Female | SMA Female |

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

- Notes:
- Values at 25 °C, sea level



Features:

- Design: Low Pass Filter
- Number of Sections: 5
- Connector 1: SMA Female
- Connector 2: SMA Female

Fairview Microwave
1130 Junction Dr. #100
Allen, TX 75013
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

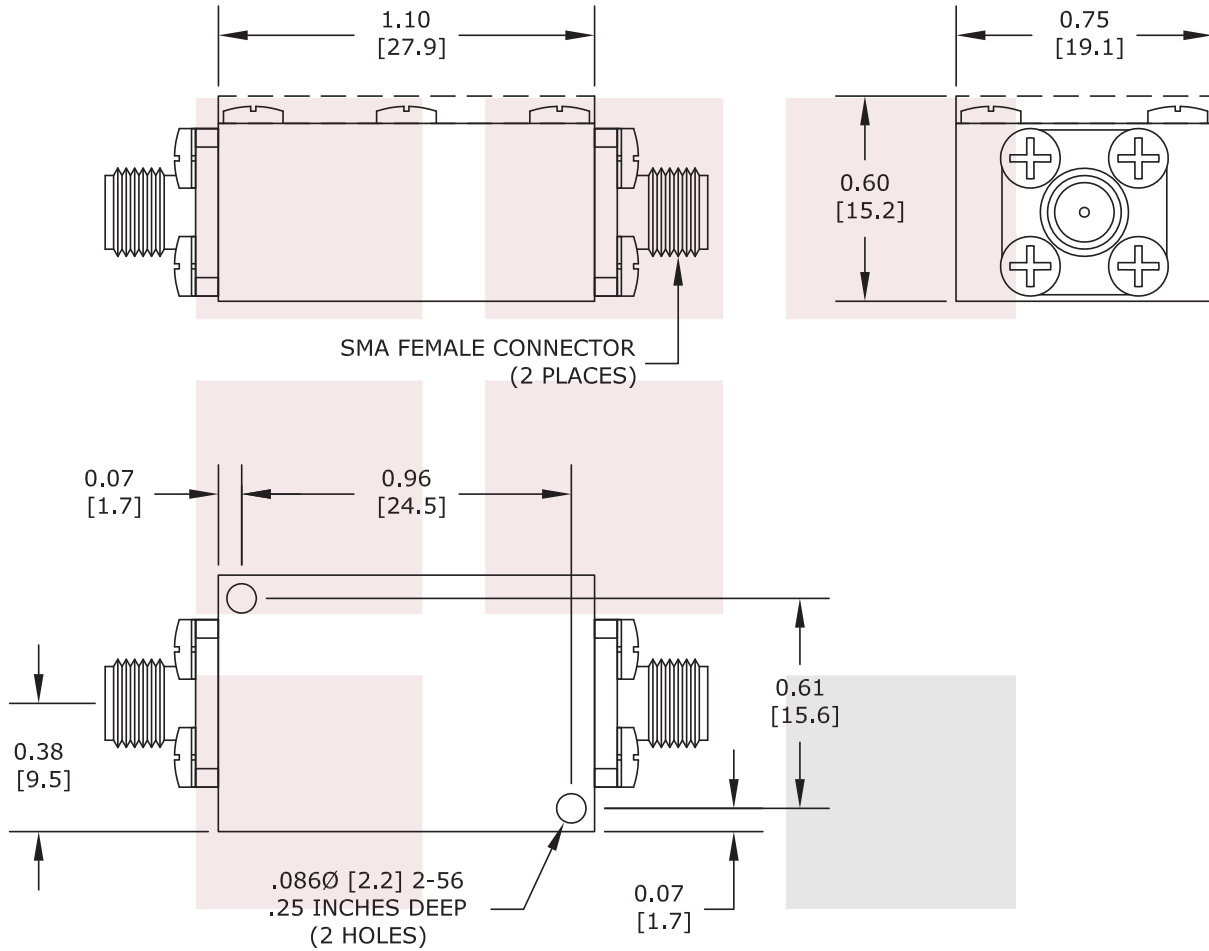
Lowpass Filter Operating From DC to 2 GHz With SMA Female Connectors from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Lowpass Filter Operating From DC to 2 GHz With SMA Female Connectors FMFL021](#)

URL: <https://www.fairviewmicrowave.com/low-pass-filter-dc-2-ghz-sma-female-connectors-fmfl021-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.





| | | | | | |
|---|--------|---|-------|--------------------|-------------|
| FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM | | NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm]. | | | |
| TITLE Lowpass Filter Operating From DC to 2 GHz With SMA Female Connectors | | DWG NO FMFL021 | | CAGE CODE 3FKR5 | |
| CAD FILE | 042617 | SHEET | SCALE | N/A | SIZE A 2233 |