

Lowpass Filter Operating From DC to 100 MHz With SMA Female Connectors

The FMFL019 is a Five section Low pass filter. The pass band is 100 MHz wide, from 0 to 100 MHz with excellent rejection of 50 dB at 200 MHz. It has a maximum insertion loss of 1 dB. The FMFL019 has SMA female connectors and is rated to 10 watts.

Electrical Specifications*

Description	Min	Typ	Max	Units
Passband Freq.	DC		100	MHz
Useable Freq. Range		DC to 100		MHz
Impedance		50		Ohms
Insertion Loss			1	dB
Passband VSWR			1.5:1	
Input Power			5	Watts
Rejection at 150 MHz	40			dB
Rejection at 200 MHz	60			dB

Mechanical Specifications

Size	
Length	1.7 in [43.18 mm]
Width	0.75 in [19.05 mm]
Height	0.6 in [15.24 mm]
Weight	0.057 lbs [25.85 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

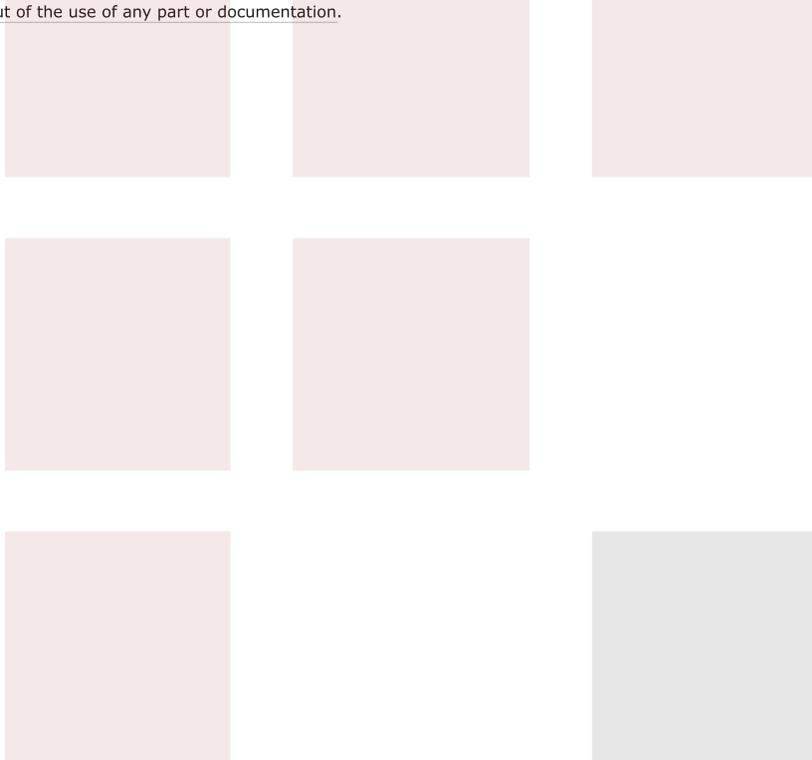
Fairview Microwave
1130 Junction Dr. #100
Allen, TX 75013
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

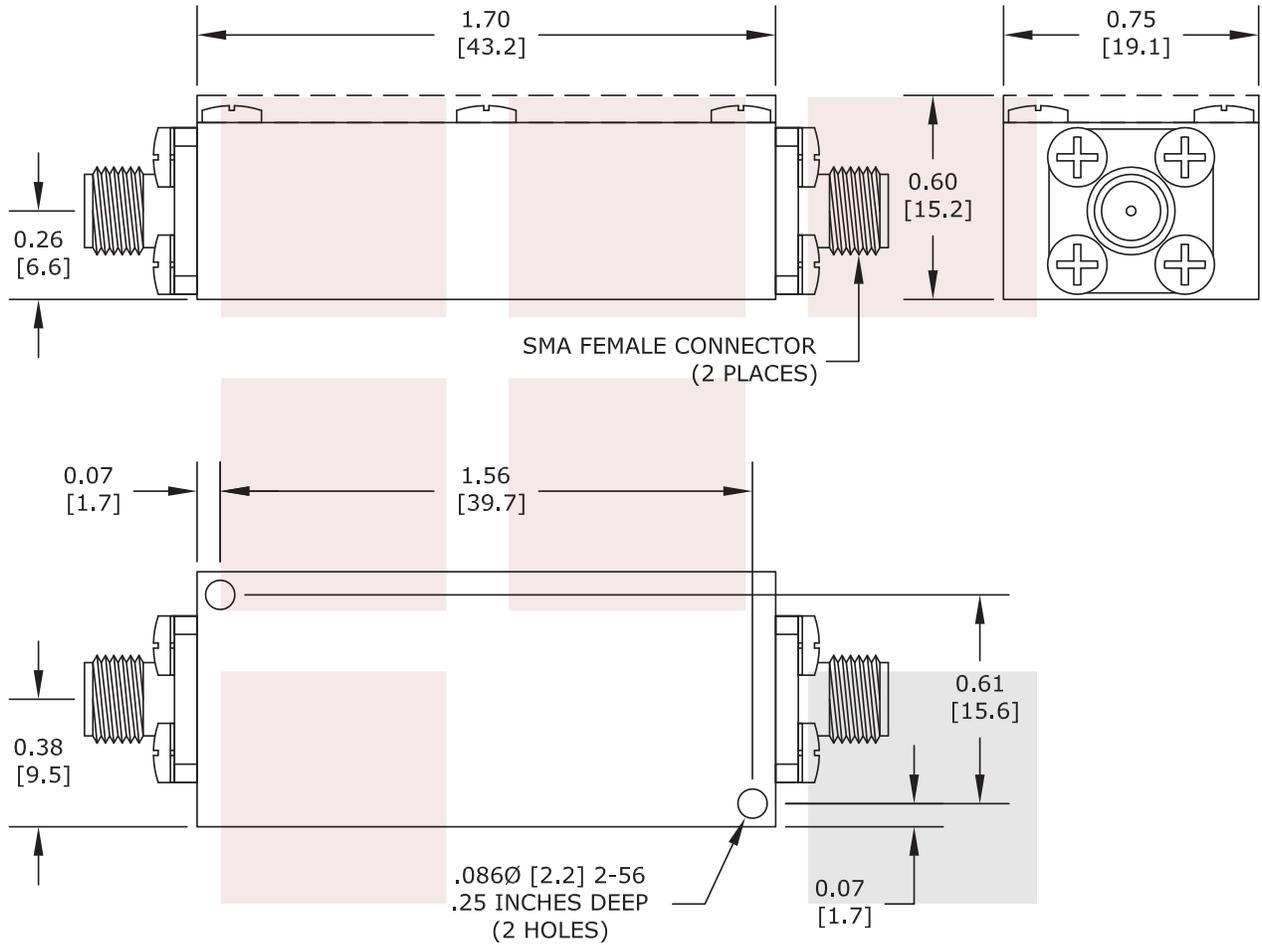
Lowpass Filter Operating From DC to 100 MHz With SMA Female Connectors from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Lowpass Filter Operating From DC to 100 MHz With SMA Female Connectors FMFL019](#)

URL: <https://www.fairviewmicrowave.com/low-pass-filter-dc-100-mhz-sma-female-connectors-fmfl019-p.aspx>

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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 100 MHz With SMA Female Connectors		DWG NO FMFL019		CAGE CODE 3FKR5	
CAD FILE	042617	SHEET	SCALE	N/A	SIZE A 2233