

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

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

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