

Highpass Cavity Filter with SMA Female Interface from 1 GHz to 13 GHz with a 12 GHz Passband

The FMFL1018 is a seven section High pass filter. The pass band is 12,000 MHz wide, from 1 GHz to 13 GHz with excellent rejection of 40 dB from DC to 500 MHz. It has a maximum insertion loss of 2 dB. The FMFL1018 has SMA female connectors.

Electrical Specifications*

Description	Min	Typ	Max	Units
Passband Freq.	1		13	GHz
Useable Freq. Range		1 to 13		GHz
Impedance		50		Ohms
Insertion Loss			2	dB
Input Power			5	Watts
Rejection at 0 kHz	40			dB
Rejection at 500 MHz	40			dB

Mechanical Specifications

Size	
Length	0.85 in [21.59 mm]
Width	0.6 in [15.24 mm]
Height	0.7 in [17.78 mm]
Weight	0.084 lbs [38.1 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: High Pass Filter
- Number of Sections: 7
- Connector 1: SMA Female
- Connector 2: SMA Female

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Highpass Cavity Filter with SMA Female Interface from 1 GHz to 13 GHz with a 12 GHz Passband 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: [Highpass Cavity Filter with SMA Female Interface from 1 GHz to 13 GHz with a 12 GHz Passband FMFL1018](#)

URL: <https://www.fairviewmicrowave.com/high-pass-filter-1-13-ghz-sma-female-connectors-fmfl1018-p.aspx>

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