

Lowpass Filter Operating From DC to 4.4 GHz With SMA Female Connectors

The FMFL1014 is a Thirteen section Low pass filter. The pass band is 4400 MHz wide, from 0 to 4.4 GHz with excellent rejection of 50 dB at 6 GHz to 12 GHz. It has a maximum insertion loss of 1.5 dB. The FMFL1014 has SMA female connectors.



Electrical Specifications*

Description	Min	Typ	Max	Units
Passband Freq.	0		4.4	KHz
Useable Freq. Range		DC to 4.4		GHz
Impedance		50		Ohms
Insertion Loss			1.5	dB
Input Power			10	Watts
Rejection at 6 GHz	50			dB
Rejection at 12 GHz	50			dB

Features:

- Design: Low Pass Filter
- Number of Sections: 13
- Connector 1: SMA Female
- Connector 2: SMA Female

Mechanical Specifications

Size	
Length	1.6 in [40.64 mm]
Width	0.55 in [13.97 mm]
Height	0.44 in [11.18 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

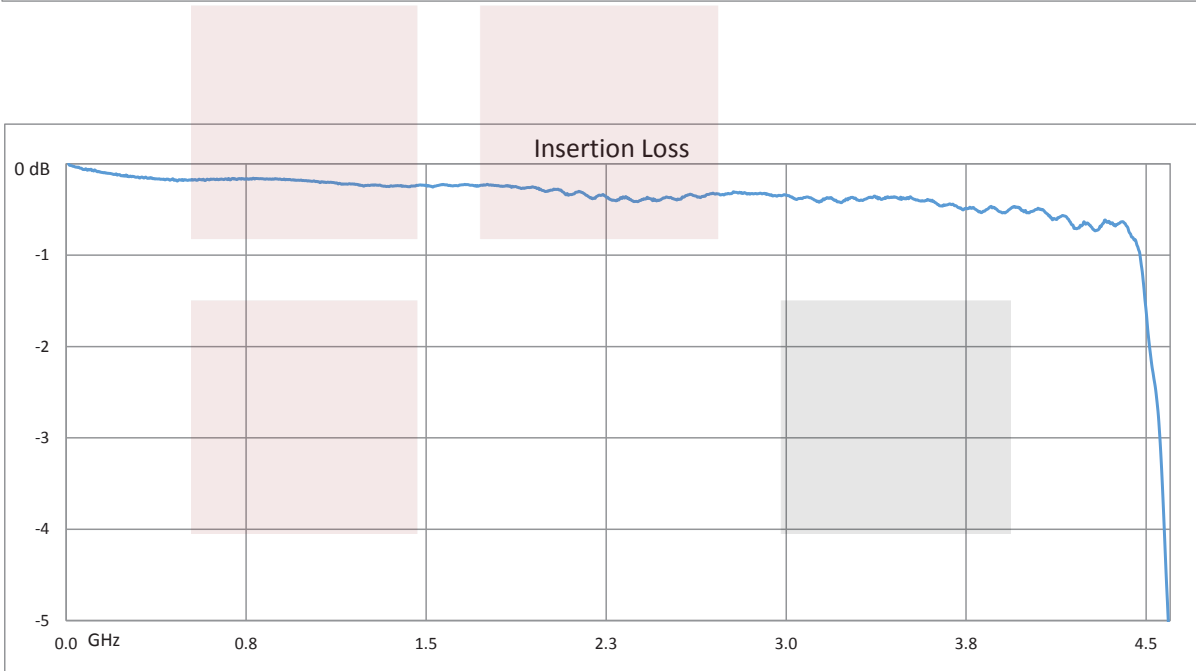
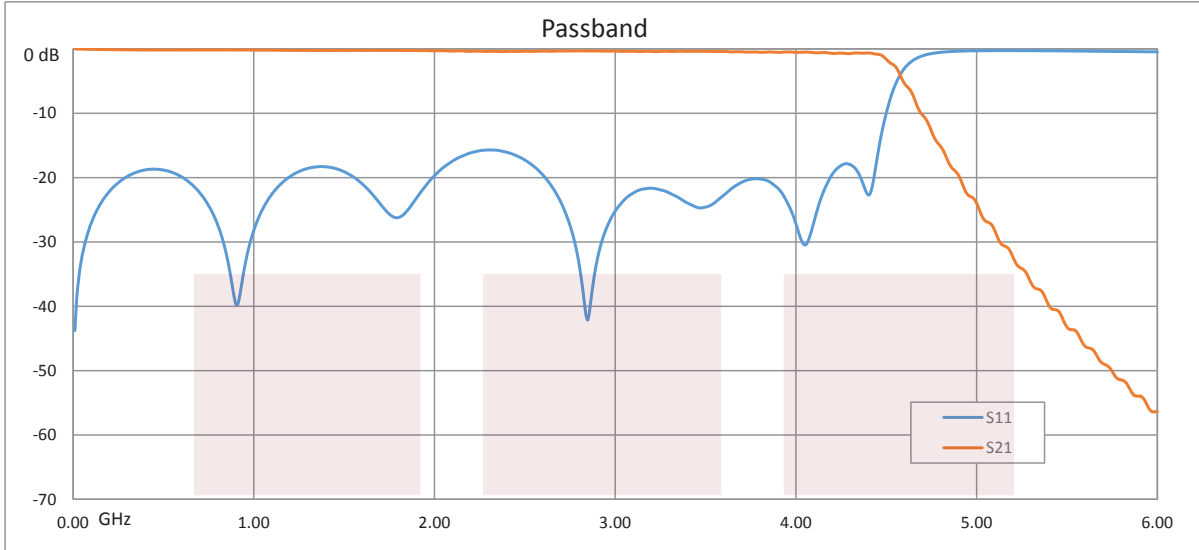
RoHS Compliant	Yes
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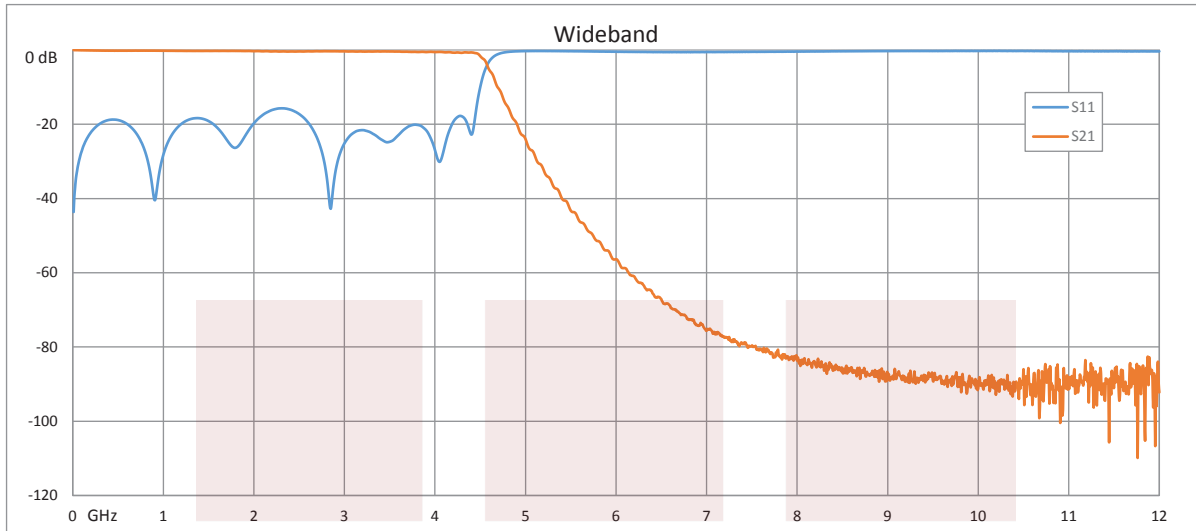
Plotted and Other Data

- Notes:
- Values at 25 °C, sea level

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Typical Performance Data



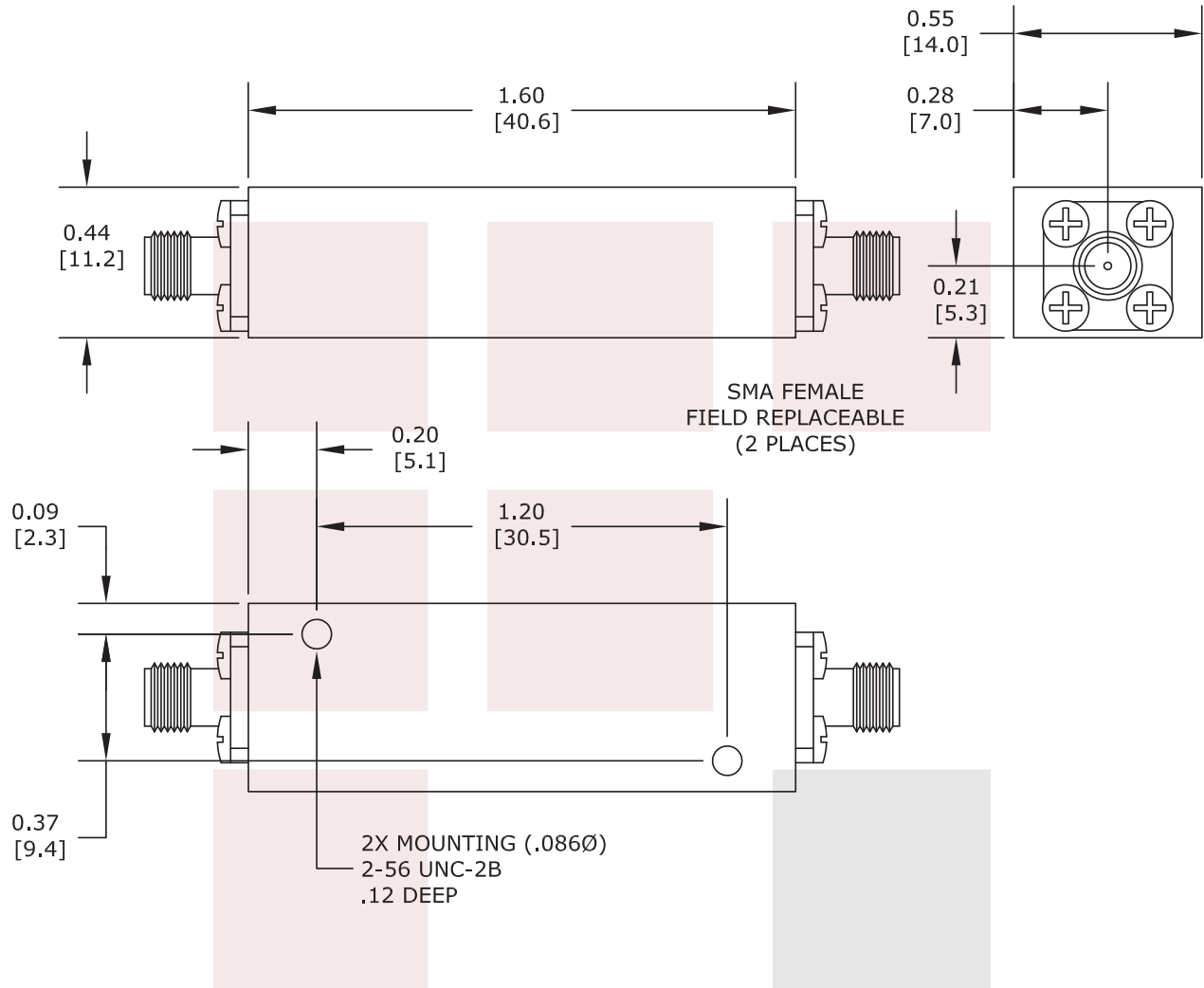


Lowpass Filter Operating From DC to 4.4 GHz With SMA Female Connectors from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Lowpass Filter Operating From DC to 4.4 GHz With SMA Female Connectors FMFL1014](#)

URL: <http://www.fairviewmicrowave.com/low-pass-filter-dc-4.4-ghz-sma-female-connectors-fmfl1014-p.aspx>

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TOLERANCE	
.X	± .1
.XX	± .01
.XXX	± .005
.XXXX	± .0010

* THESE DIMENSIONS AND TOLERANCES
 SUPERSEDE NOTE #1 ON TITLE BLOCK.

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 4.4 GHz With SMA Female Connectors		DWG NO FMFL1014		CAGE CODE 3FKR5	
CAD FILE	110215	SHEET	SCALE	N/A	SIZE A 2233