

## LEAD-FREE / RoHS-COMPLIANT

### BANDPASS FILTER

**FB-2400**

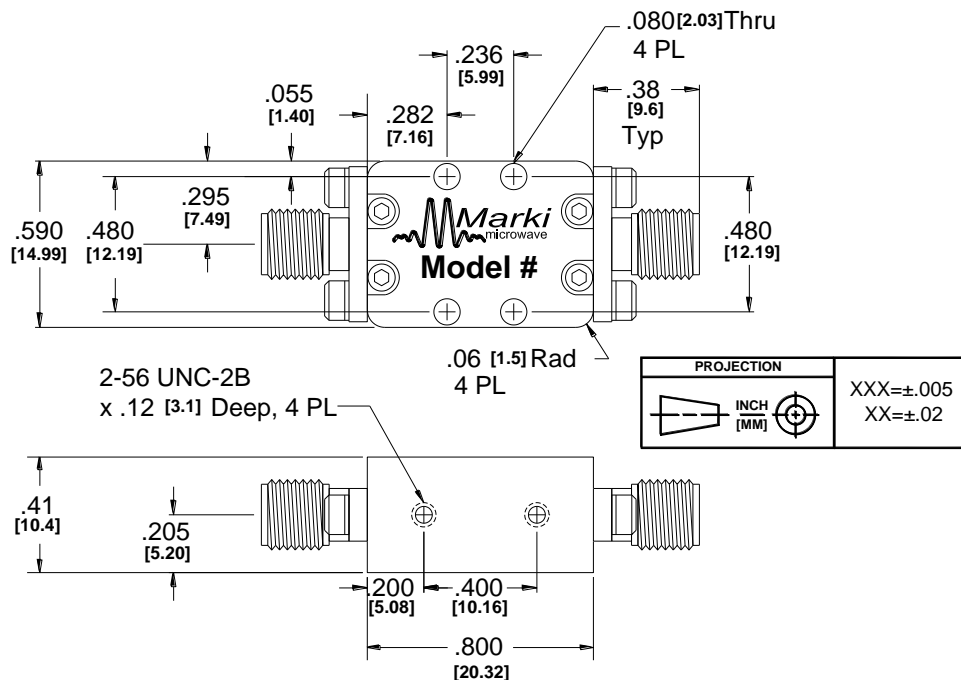
#### Features

- Low Insertion Loss
- Excellent Return Loss
- High Stop Band Suppression
- Wide Stop Band
- Sharp Roll-Off
- [FB-2400.S2P](#)



**Electrical Specifications** – Specifications guaranteed from -55 to +100°C, measured in a 50Ω system.

Parameter	Frequency (GHz)	Min	Typ.	Max
Center Frequency, $f_c$ (GHz)	24			
Passband (GHz)	22.4-25.6 ( $\pm 6.5\%$ of $f_c$ )			
Insertion Loss @ $f_c$ (dB)				3
Passband Return Loss (dB)	22.4-25.6	10	15	
Stopband Suppression (dB)	13.7, 32 17.2, 29.6	40 25	50 30	
Impedance ( $\Omega$ )			50	
RF Power (W)				1
Weight (g)			15	



Typical Performance

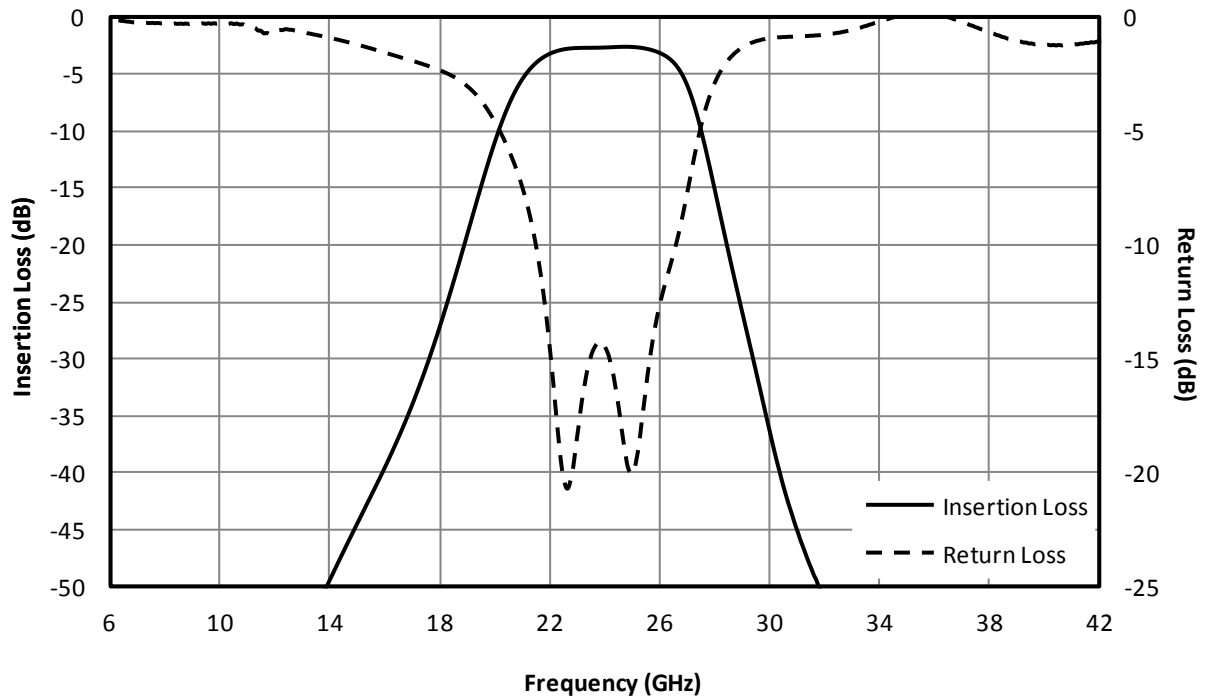


Fig. 1. Magnitude response for a typical FB-2400.



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Model Number	Description
FB-2400	24 GHz Bandpass Filter with SMA Female connectors <sup>1</sup> , <b>LEAD-FREE/RoHS COMPLIANT</b>

<sup>1</sup>Default is SMA female connectors. Consult factory for other connector options.

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### Revision History

Revision code	Revision Date	Comment
D	March 2020	RoHS Assembly

#### NOTE:

Specifications are subject to change without notice. Contact Marki Microwave for the most recent specifications and data sheets.

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