

LEAD-FREE / RoHS-COMPLIANT

BANDPASS FILTER (K-Band)

FB-2250

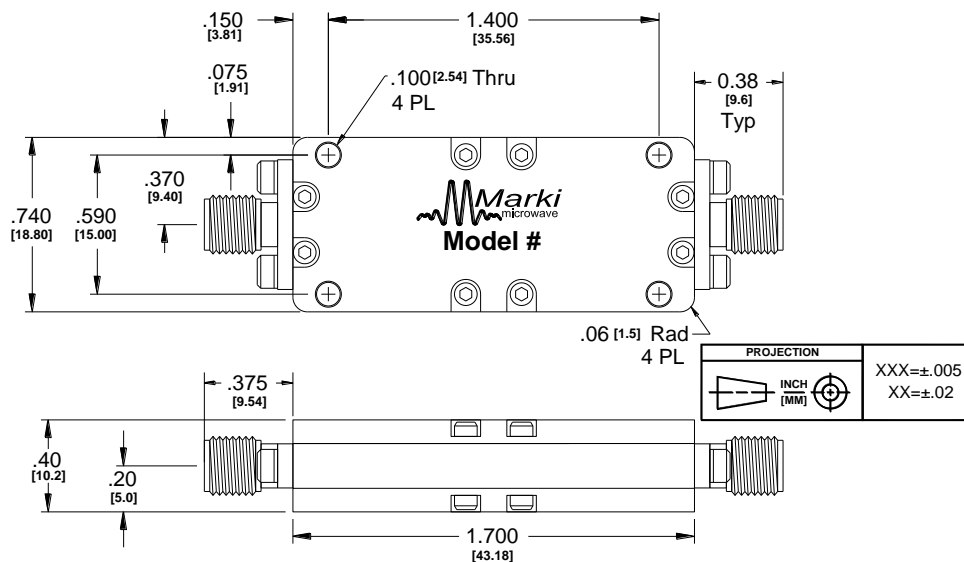
Features

- Passes Entire K-band (18-26.5 GHz)
- Low Insertion Loss
- Excellent Return Loss
- High Stop Band Suppression
- Wide Stop Band
- Sharp Roll-Off
- [FB-2250.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)	22.5			
Passband (GHz)	18-27 ($\pm 20\%$ of f_c)			
Insertion Loss @ f_c (dB)				3
Passband Return Loss (dB)	18-27	10	15	
Stopband Suppression (dB)	16.3, 30 16.8, 28.8	40 25	50 30	
Impedance (Ω)			50	
RF Power (W)				1
Weight (g)			33	



BANDPASS FILTER (K-Band)

FB-2250

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Typical Performance

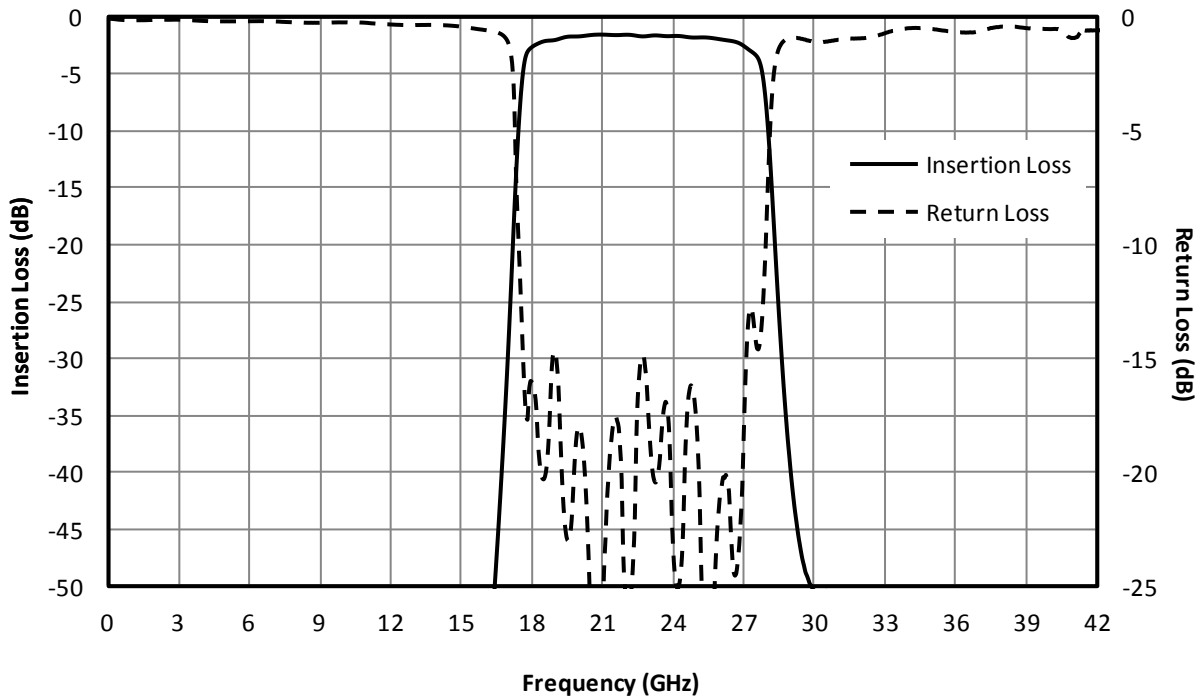


Fig. 1. Magnitude response for a typical FB-2250.

Model Number	Description
FB-2250	18-27 GHz Bandpass Filter with SMA Female connectors ¹ LEAD-FREE/RoHS COMPLIANT

¹Default is SMA female connectors. Consult factory for other connector options.

Revision History

Revision code	Revision Date	Comment
A	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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