

BANDPASS FILTER

FB-4000

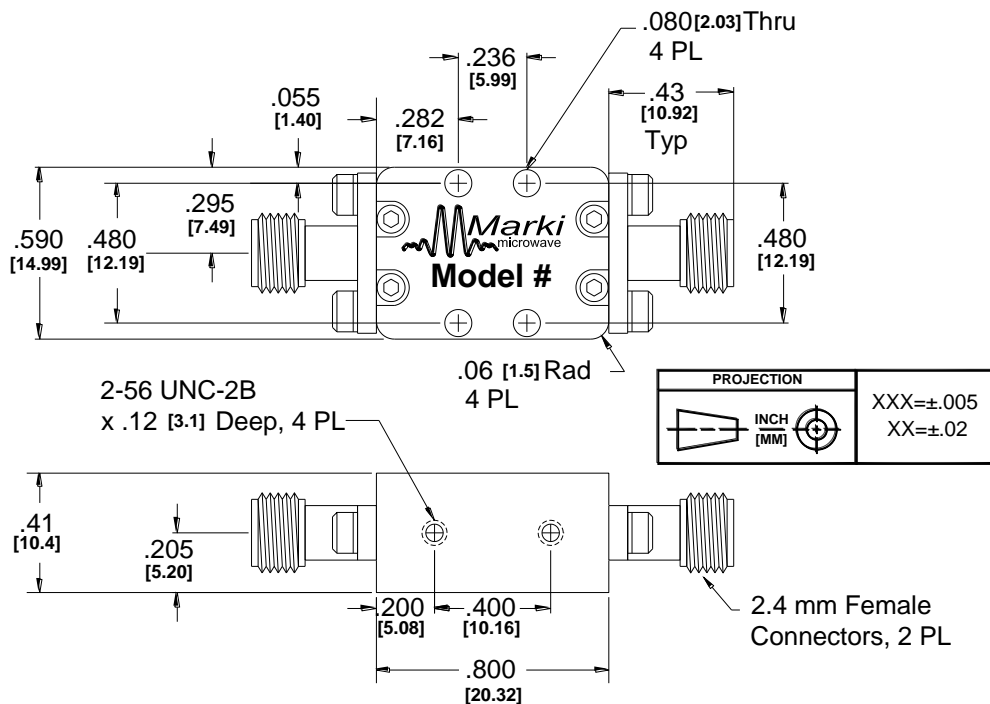
Features

- Low Insertion Loss
- Excellent Return Loss
- High Stop Band Suppression
- Wide Stop Band
- Sharp Roll-Off
- [FB-4000.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)	40			
Passband (GHz)	34.4-45.6 ($\pm 14\%$ of f_c)			
Insertion Loss @ f_c (dB)				3
Passband Return Loss (dB)	34.4-45.6	10	15	
Stopband Suppression (dB)	27.5, 52.7 30.4, 50.2	40 25	50 30	
Impedance (Ω)			50	
RF Power (W)				1
Weight (g)			15	



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Typical Performance

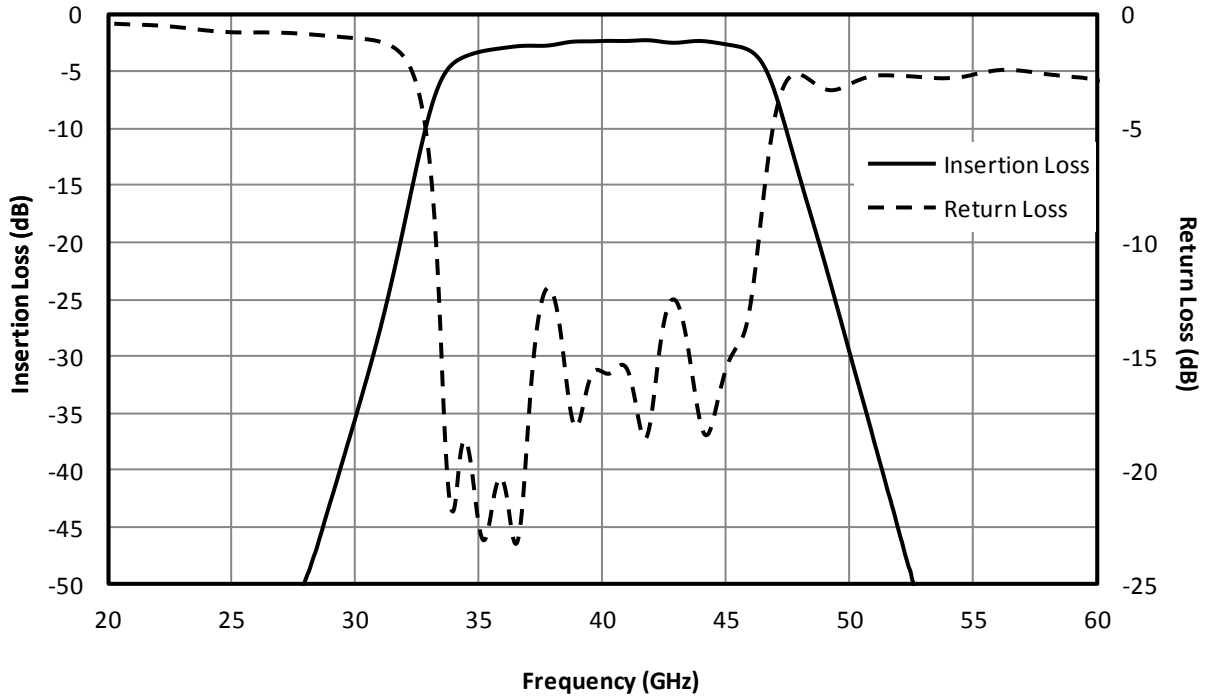


Fig. 1. Magnitude response for a typical FB-4000.

Model Number	Description
FB-4000	40 GHz Bandpass Filter with 2.4 mm Female connectors ¹

¹Default is 2.4 mm female connectors. Consult factory for other connector options.

NOTE:

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

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