

BANDPASS FILTER

FB-2000

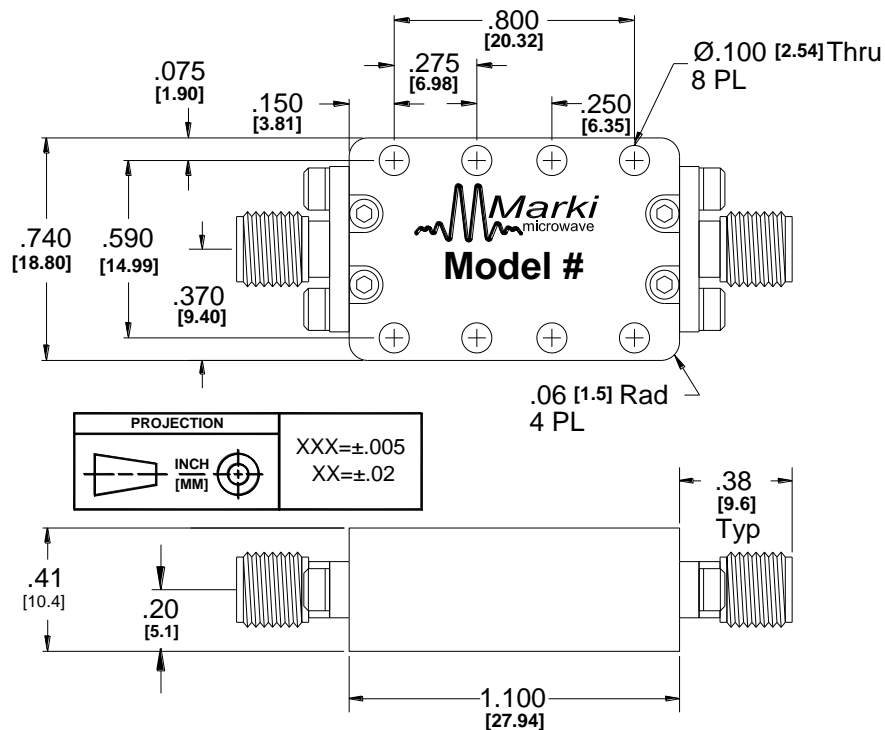
Features

- Low Insertion Loss
- Excellent Return Loss
- High Stop Band Suppression
- Wide Stop Band
- Sharp Roll-Off
- [FB-2000.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)	20			
Passband (GHz)	18.2-21.8 ($\pm 9\%$ of f_c)			
Insertion Loss @ f_c (dB)				3
Passband Return Loss (dB)	18.2-21.8	10	15	
Stopband Suppression (dB)	10.8, 27	40	50	
	13.8, 24.6	25	30	
Impedance (Ω)			50	
RF Power (W)				1
Weight (g)			22	



Typical Performance

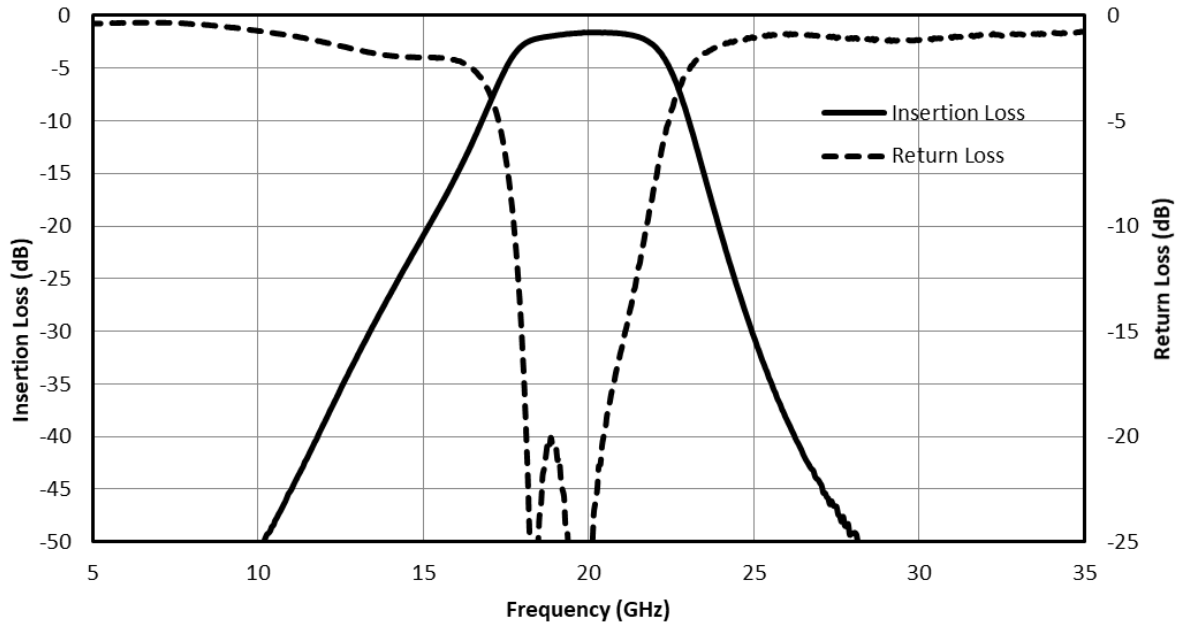


Fig. 1. Magnitude response for a typical FB-2000.

Model Number	Description
FB-2000	20 GHz Bandpass Filter with SMA Female connectors ¹

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

Revision History

Revision code	Revision Date	Comment
B	3/2021	Updated Specs table & Magnitude plot

NOTE:

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

Marki Microwave reserves the right to make changes to the product(s) or information contained herein without notice. Marki Microwave makes no warranty, representation or guarantee regarding the suitability of its products for any particular purpose, nor does Marki Microwave assume any liability whatsoever arising out of the use of or application of any product.