

# BANDPASS FILTER

FB-4000



### Features

- 3 dB Bandwidth,  $\pm 14\%$
- Rejection Characterized by Chebyshev Transfer Function
- 7 Section Filter
- User defined option available

### Specifications

Parameter	Min	Typ.	Max
Center Frequency, $f_c$ (GHz)		40	
Passband (GHz)		$\pm 14\%$ of $f_c$	
Insertion Loss @ $f_c$ (dB)		3	
Return Loss in Passband (dB)	10	15	
Stopband Suppression (dB) beyond 25% of $f_c$	25	35	
Stopband Suppression (dB) beyond 32% of $f_c$	40	50	
Impedance ( $\Omega$ )		50	
RF Power (W)			1

Model Number <sup>1</sup>	Connector Options		Description	Outline
FB-4000 No dash (F-F)	-1 (F-M) -2 (M-F) -3 (M-M)	K (2.92) V (2.40)	Center Frequency 40 GHz, Bandpass Filter with 2.4 mm Female connectors	<a href="#">PF</a>

<sup>1</sup>Connectors are 2.4 mm by default.

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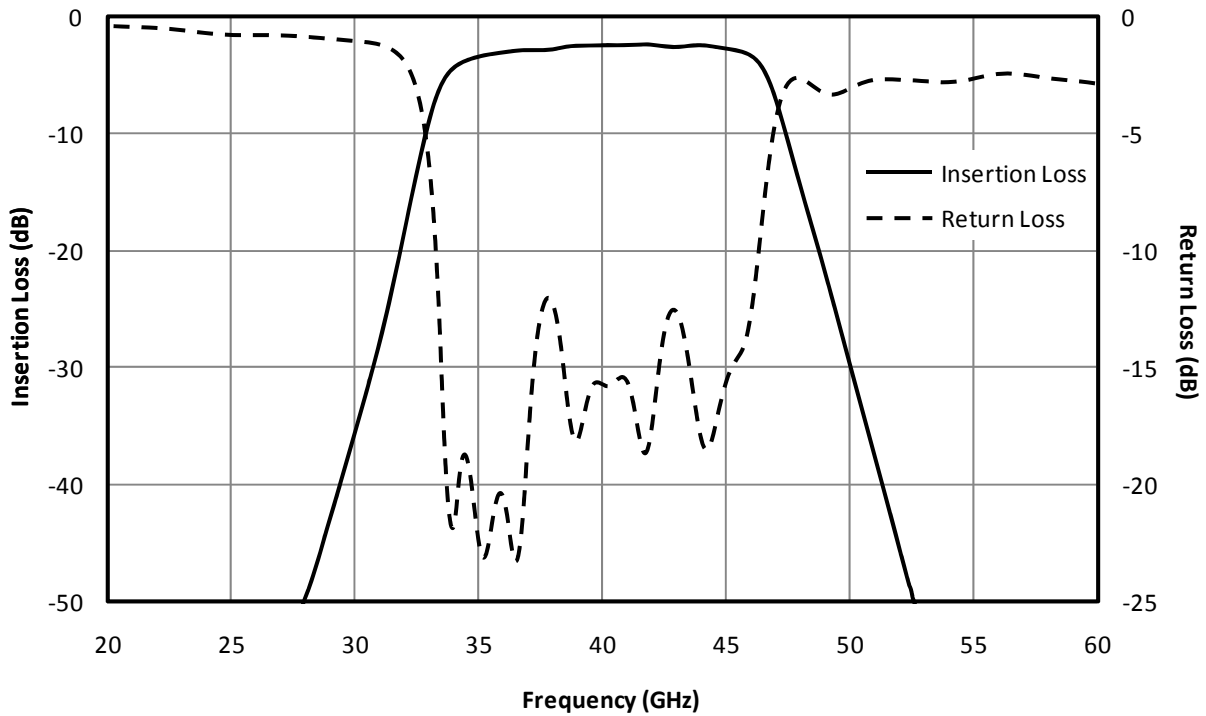


Fig. 1. Magnitude response for a typical FB-4000.

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