

## BANDPASS FILTER

FB-1050



### Features

- 3 dB Bandwidth,  $\pm 7.5\%$
- Rejection Characterized by Chebyshev Transfer Function
- 5 Section Filter
- User defined option available

### Specifications

Parameter	Min	Typ.	Max
Center Frequency, $f_c$ (GHz)		10.5	
Passband (GHz)		$\pm 7.5\%$ of $f_c$	
Insertion Loss @ $f_c$ (dB)			3
Return Loss in Passband (dB)	12	20	
Stopband Suppression (dB) beyond $\pm 25\%$ of $f_c$	25	30	
Stopband Suppression (dB) beyond $\pm 35\%$ of $f_c$	40	50	
Impedance ( $\Omega$ )		50	
RF Power (W)			1

### Part Number Options

Please specify connector configuration by adding to model number.					
Center Frequency (GHz)	Model number	Connector configuration <sup>1</sup>		Example	Outline
10.50	FB-1050	No dash (F-F)		FB-1050 -2K (K-Male in; K-Female out)	<a href="#">TE</a>
User Defined	Contact factory	-1 (F-M)	S (SMA)		
		-2 (M-F)	K (2.92)		
		-3 (M-M)	V (2.40)		

<sup>1</sup>Connectors are SMA Female by default.

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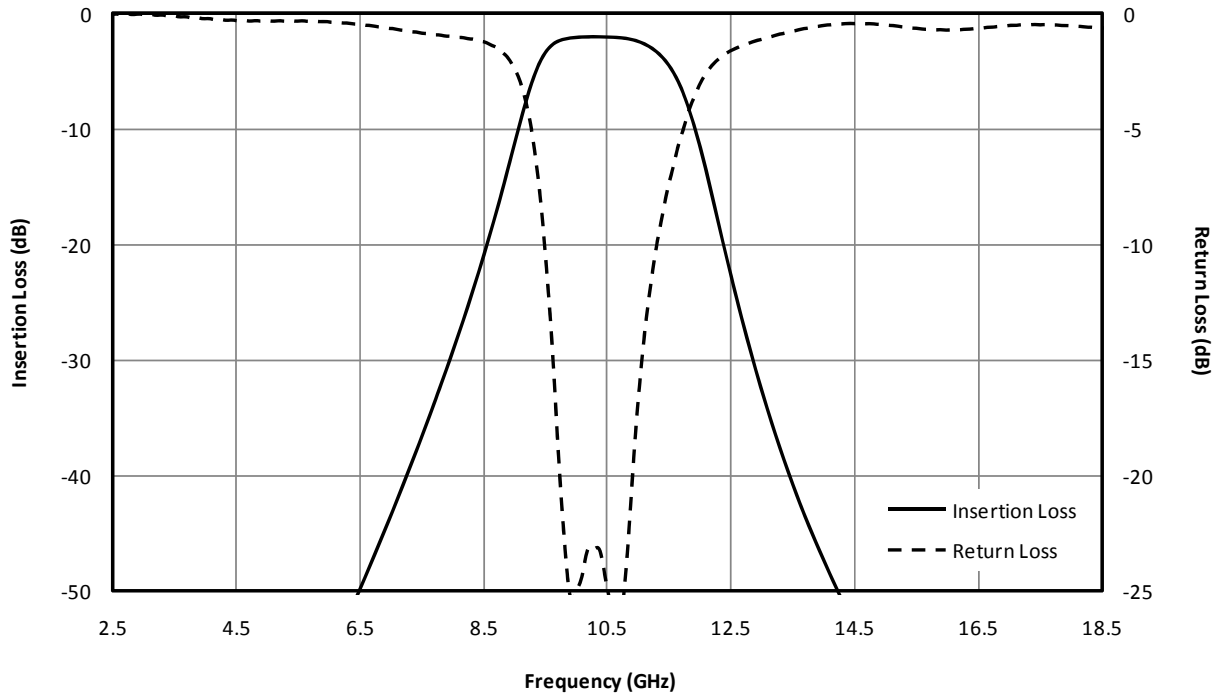


Fig. 1. Magnitude response for a typical FB-1050.

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