

## BANDPASS FILTER

FB-1145



### 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)		11.45	
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 $\pm 20\%$ of $f_c$	25	30	
Stopband Suppression (dB) beyond $\pm 30\%$ 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
11.45	FB-1145	No dash (F-F)		FB-1145 -2K (K-Male in; K-Female out)	<a href="#">TF</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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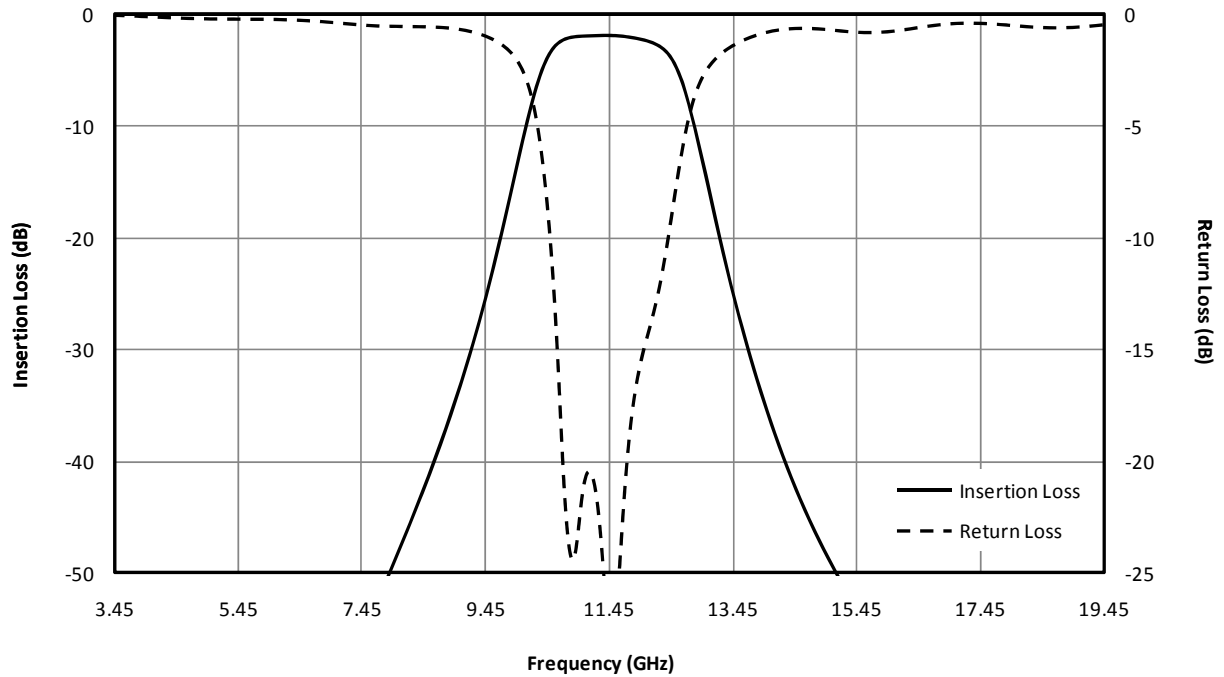


Fig. 1. Magnitude response for a typical FB-1145.

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215 Vineyard Court, Morgan Hill, CA 95037 | Ph: 408.778.4200 | Fax: 408.778.4300 | [info@markimicrowave.com](mailto:info@markimicrowave.com)

[www.markimicrowave.com](http://www.markimicrowave.com)