

BANDPASS FILTER

FB-1390



Features

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

Specifications

Parameter	Min	Typ.	Max
Center Frequency, f_c (GHz)		13.90	
Passband (GHz)		$\pm 3\%$ of f_c	
Insertion Loss @ f_c (dB)			3
Return Loss in Passband (dB)	12	20	
Stopband Suppression (dB) beyond $\pm 10\%$ of f_c	20	25	
Stopband Suppression (dB) beyond $\pm 20\%$ of f_c	40	50	
Impedance (Ω)		50	
RF Power (W)			1

Model Number ¹	Connector Options		Description	Outline
	Example: FB-1390-2K (2.92 M-F)			
FB-1390 No dash (F-F)	-1 (F-M) -2 (M-F) -3 (M-M)	S (SMA) K (2.92) V (2.40)	Center Frequency 13.90 GHz, Bandpass Filter with SMA Female connectors	KF

¹Connectors are SMA Female by default.

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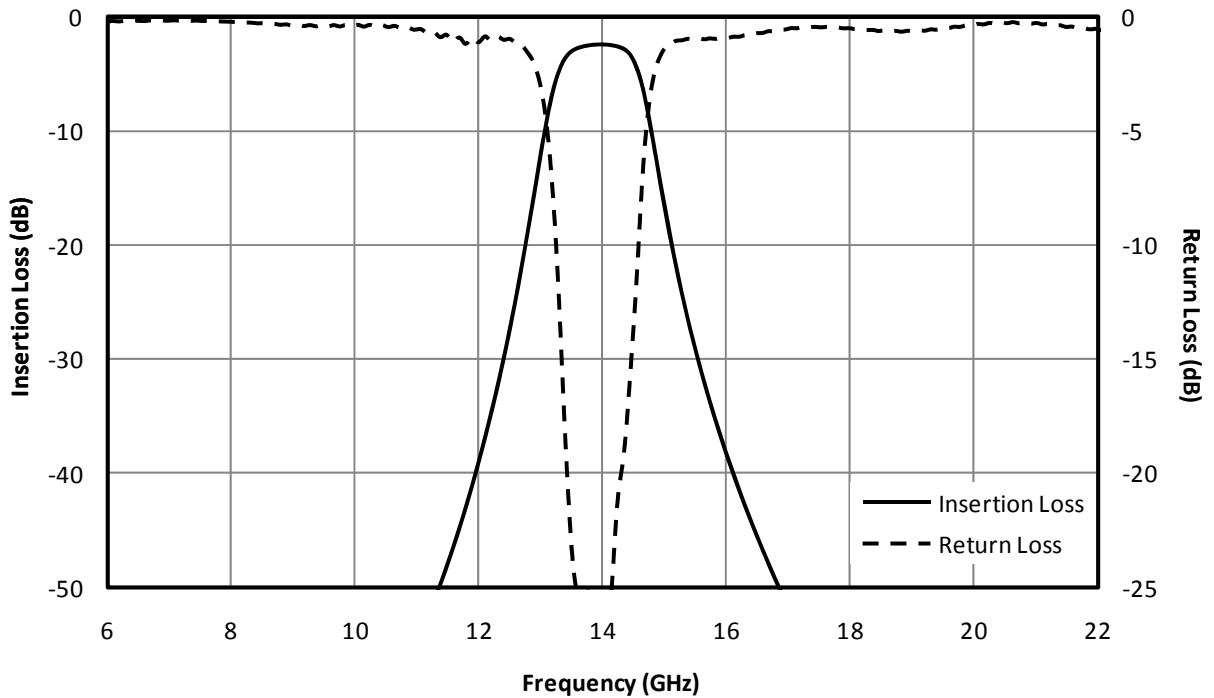


Fig. 1. Magnitude response for a typical FB-1390.

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