

BANDPASS FILTER

FB-0785



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)		7.85	
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	30	35	
Stopband Suppression (dB) beyond $\pm 30\%$ of f_c	40	50	
Impedance (Ω)		50	
RF Power (W)			1

Part Number Options

Please specify connector configuration by adding to model number.					
Center Frequency (GHz)	Model number	Connector configuration ¹		Example	Outline
7.85	FB-0785	No dash (F-F)		FB-0785 -2K (K-Male in; K-Female out)	TE
User Defined	Contact factory	-1 (F-M)	S (SMA)		
		-2 (M-F)	K (2.92)		
		-3 (M-M)	V (2.40)		

¹Connectors are SMA Female by default.

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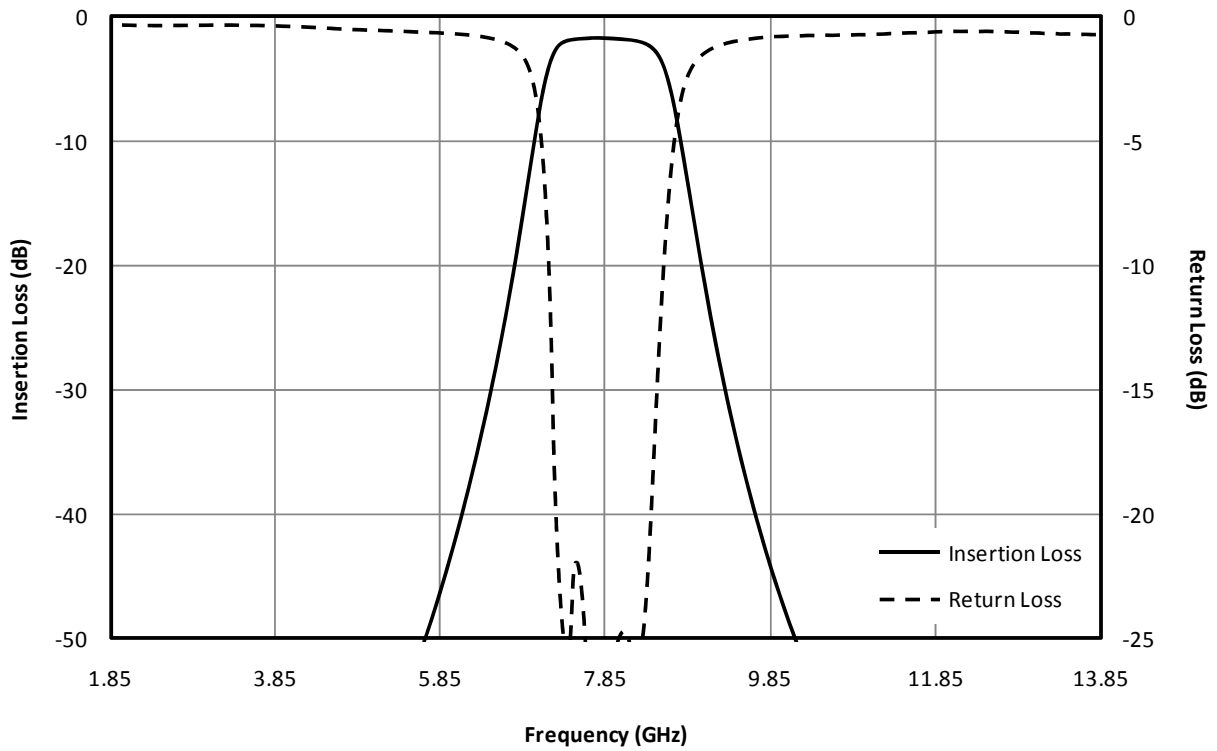


Fig. 1. Magnitude response for a typical FB-0785.

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