

BANDPASS FILTER

FB-1800



Features

- 3 dB Bandwidth, $\pm 12\%$
- Rejection Characterized by Chebyshev Transfer Function
- 7 Section Filter
- User defined option available

Specifications

Parameter	Min	Typ.	Max
Center Frequency, f_c (GHz)		18	
Passband (GHz)		$\pm 12\%$ of f_c	
Insertion Loss @ f_c (dB)			3
Return Loss in Passband (dB)	12	18	
Stopband Suppression (dB) beyond $\pm 22\%$ of f_c	25	30	
Stopband Suppression (dB) beyond $\pm 30\%$ of f_c	45	50	
Impedance (Ω)		50	
RF Power (W)			1

Model Number ¹	Connector Options		Description	Outline
	Example: FB-1800-2K (2.92 M-F)			
FB-1800 No dash (F-F)	-1 (F-M) -2 (M-F) -3 (M-M)	S (SMA) K (2.92) V (2.40)	Center Frequency 18 GHz, Bandpass Filter with SMA Female connectors	KF

¹Connectors are SMA Female by default.

Marki Microwave reserves the right to make changes to the product(s) or information contained herein without notice. Marki Microwave makes no warranty, representation or guarantee regarding the suitability of its products for any particular purpose, nor does Marki Microwave assume any liability whatsoever arising out of the use of or application of any product.

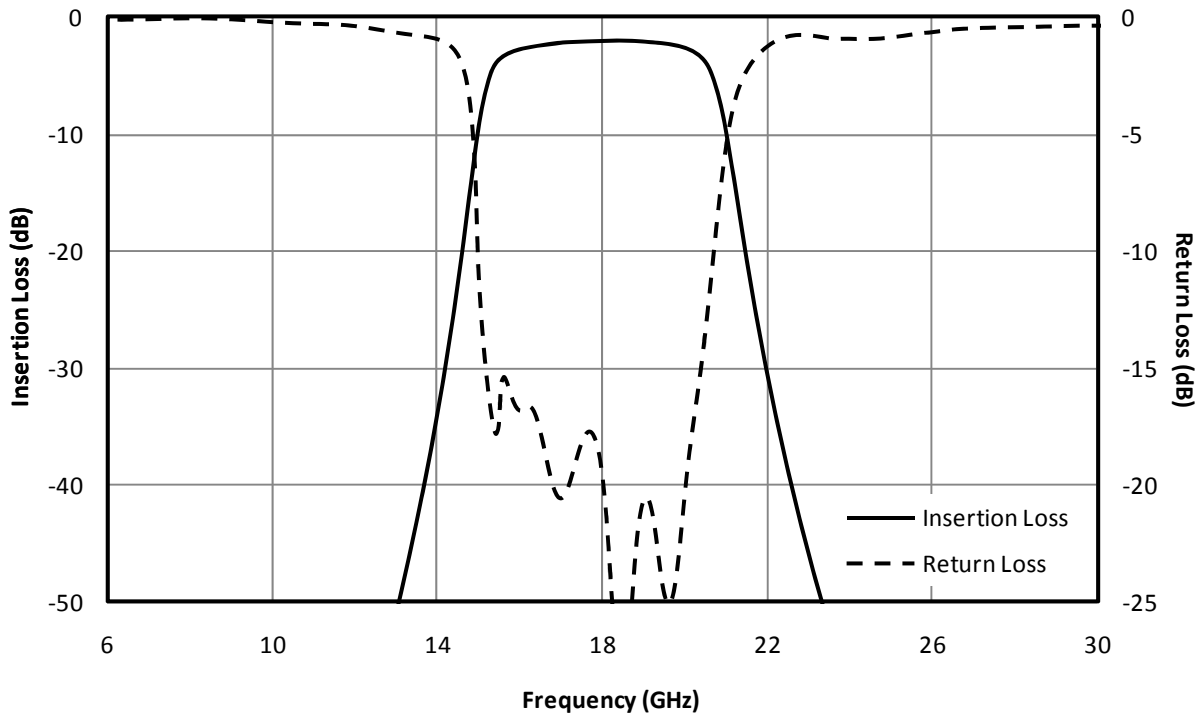


Fig. 1. Magnitude response for a typical FB-1800.

Marki Microwave reserves the right to make changes to the product(s) or information contained herein without notice. Marki Microwave makes no warranty, representation or guarantee regarding the suitability of its products for any particular purpose, nor does Marki Microwave assume any liability whatsoever arising out of the use of or application of any product.

© Marki Microwave, Inc.



215 Vineyard Court, Morgan Hill, CA 95037 | Ph: 408.778.4200 | Fax 408.778.4300 | info@markimicrowave.com

www.markimicrowave.com