

## BANDPASS FILTER

FB-1725



### Features

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

### Specifications

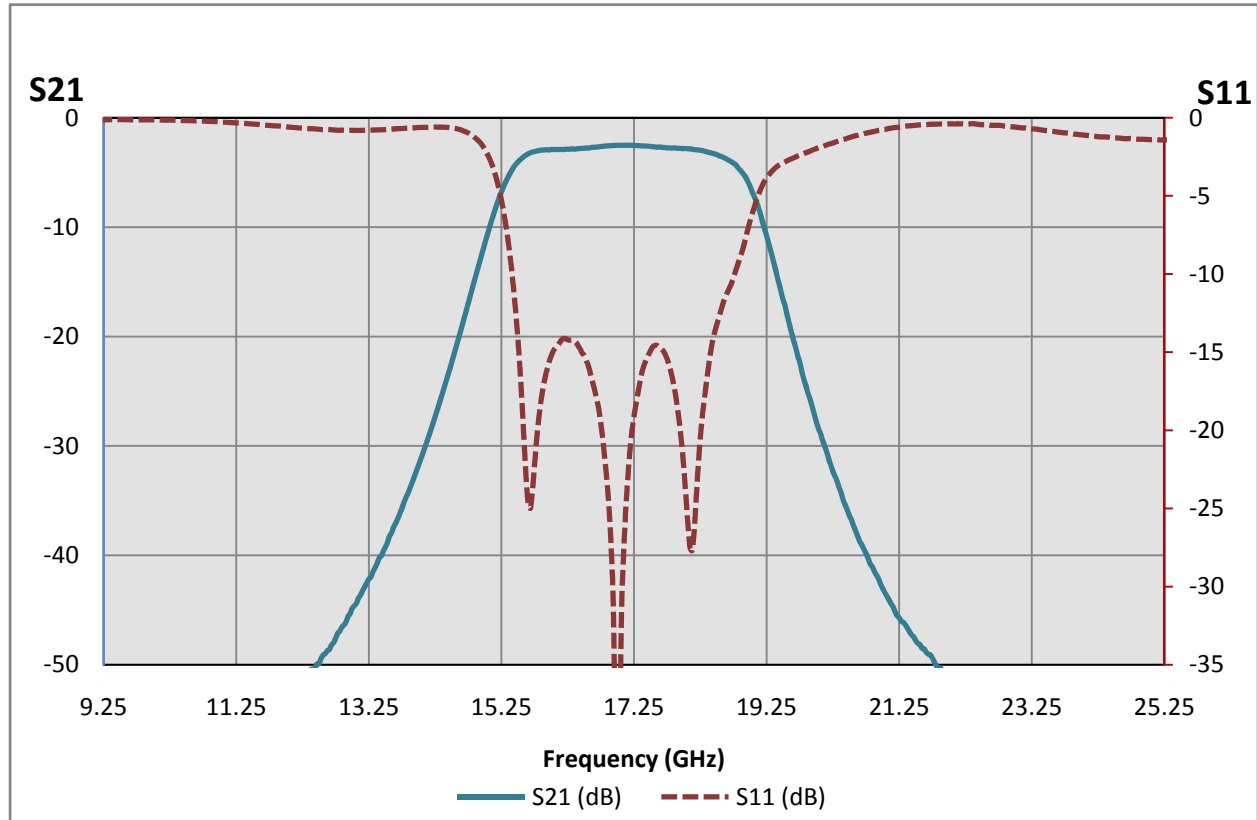
Parameter	Min	Typ.	Max
Center Frequency, $f_c$ (GHz)		17.25	
Passband (GHz)		$\pm 7.5\%$ of $f_c$	
Insertion Loss @ $f_c$ (dB)		3	
Return Loss in Passband (dB)	10	15	
Stopband Suppression (dB) beyond 20% of $f_c$	30	35	
Stopband Suppression (dB) beyond 30% of $f_c$	40	50	
Impedance ( $\Omega$ )		50	
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
17.25	FB-1725	No dash (F-F)		FB-1725 -2K (K-Male in; K-Female out)	<a href="#">KE</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 by default.

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Magnitude response for a typical 17.25 GHz Band Pass Filter.

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