



## BANDPASS FILTER

## FB-2770

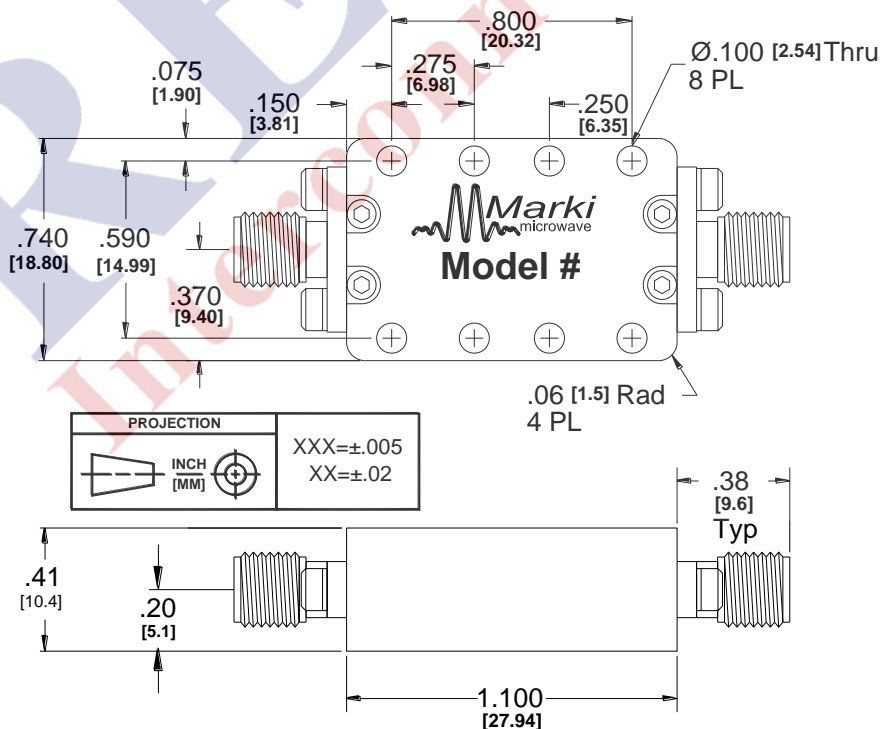
### Features

- Low Insertion Loss
- Excellent Return Loss
- High Stop Band Suppression
- Wide Stop Band
- Sharp Roll-Off
- [FB-2770.S2P](#)



**Electrical Specifications** – Specifications guaranteed from -55 to +100°C, measured in a 50Ω system.

Parameter	Frequency (GHz)	Min	Typ.	Max
Center Frequency, $f_c$ (GHz)	27.7			
Passband (GHz)	23.55-31.85 ( $\pm 15\%$ of $f_c$ )			
Insertion Loss @ $f_c$ (dB)				3
Passband Return Loss (dB)	23.55-31.85	10	15	
Stopband Suppression (dB)	17.4, 38.2	40	50	
	19.6, 35.7	25	30	
Impedance ( $\Omega$ )			50	
RF Power (W)				1
Weight (g)			22	



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

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Typical Performance

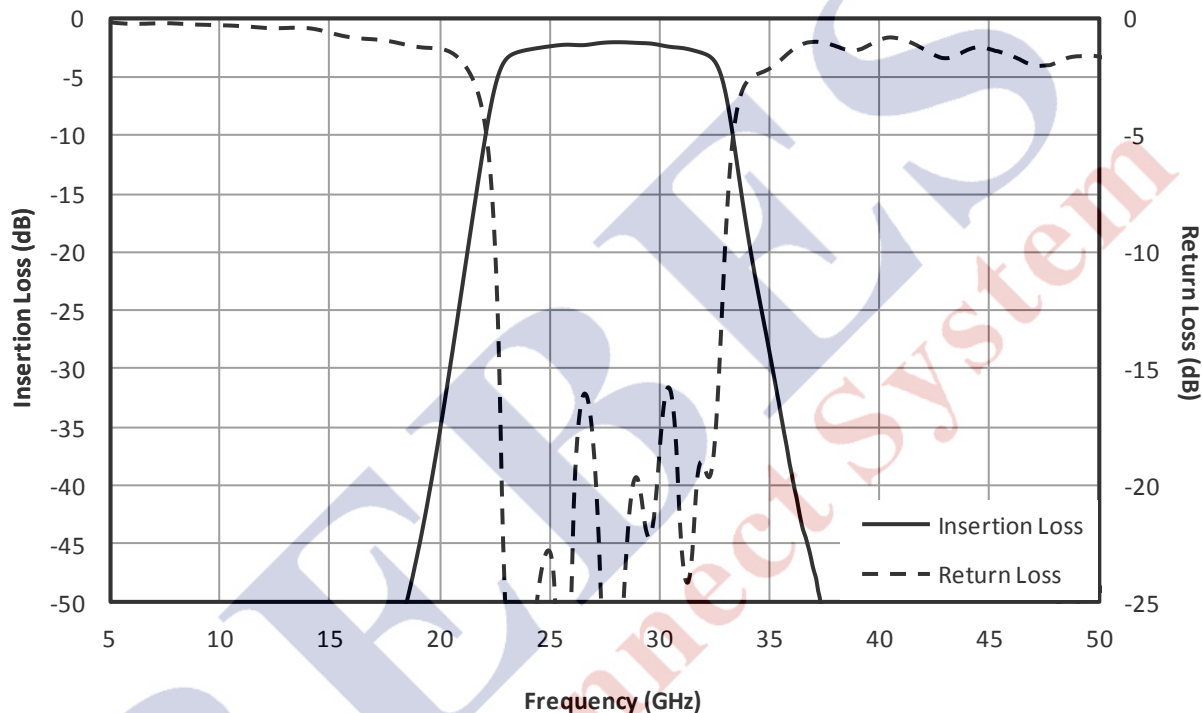


Fig. 1. Magnitude response for a typical FB-2770.

Model Number	Description
FB-2770	27.7 GHz Bandpass Filter with 2.92 mm Female connectors <sup>1</sup>

<sup>1</sup>Default is 2.92 mm female connectors. Consult factory for other connector options.

NOTE:

Specifications are subject to change without notice. Contact Marki Microwave for the most recent specifications and data sheets.

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