

## BANDPASS FILTER

**FB-1145**

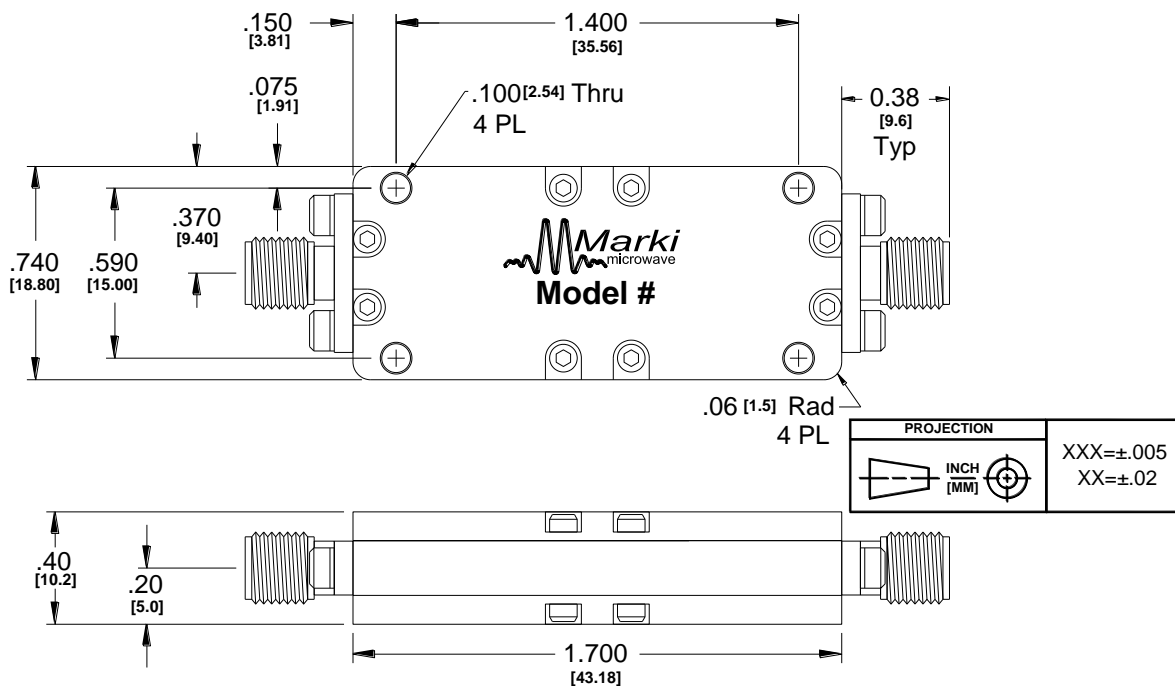
### Features

- Low Insertion Loss
- Excellent Return Loss
- High Stop Band Suppression
- Wide Stop Band
- Sharp Roll-Off
- [FB-1145.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)	11.45			
Passband (GHz)	10.6-12.3 ( $\pm 7.5\%$ of $f_c$ )			
Insertion Loss @ $f_c$ (dB)				3
Passband Return Loss (dB)	10.6-12.3	10	15	
Stopband Suppression (dB)	7.25, 15.7 8.75, 14.1	40 25	50 30	
Impedance ( $\Omega$ )			50	
RF Power (W)				1
Weight (g)			33	



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Typical Performance

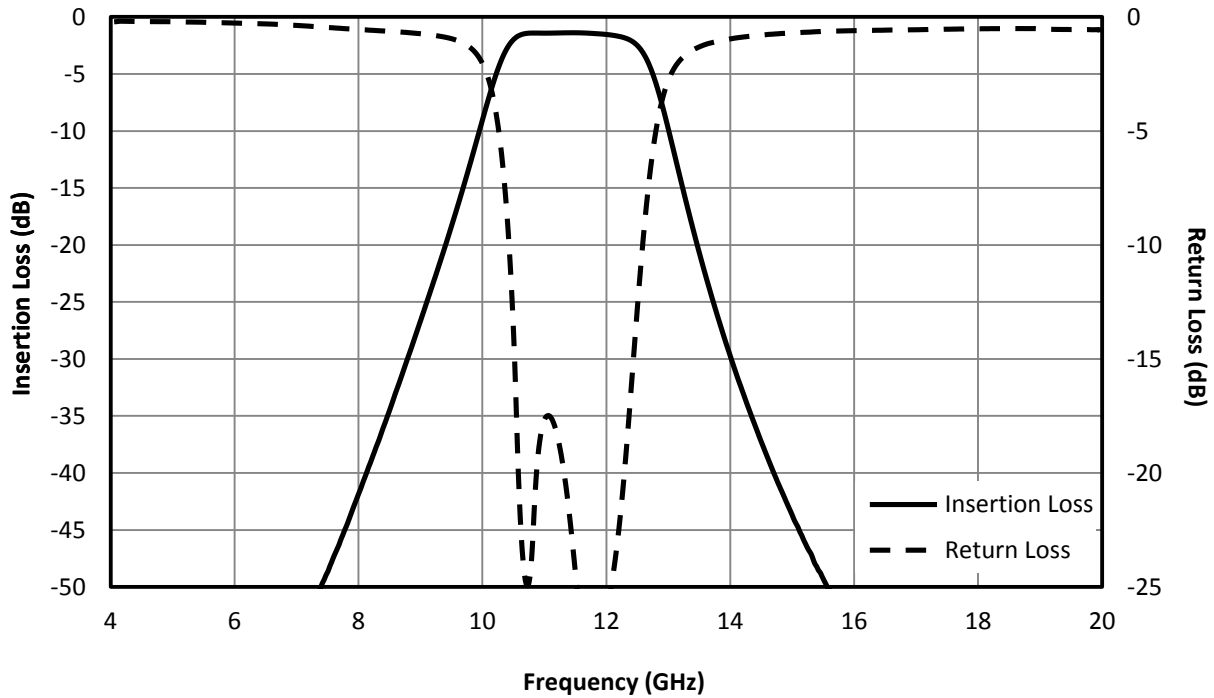


Fig. 1. Magnitude response for a typical FB-1145.

Model Number	Description
FB-1145	11.45 GHz Bandpass Filter with SMA Female connectors <sup>1</sup>

<sup>1</sup>Default is SMA 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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