



BANDPASS FILTER (Ku-Band)

FB-1500

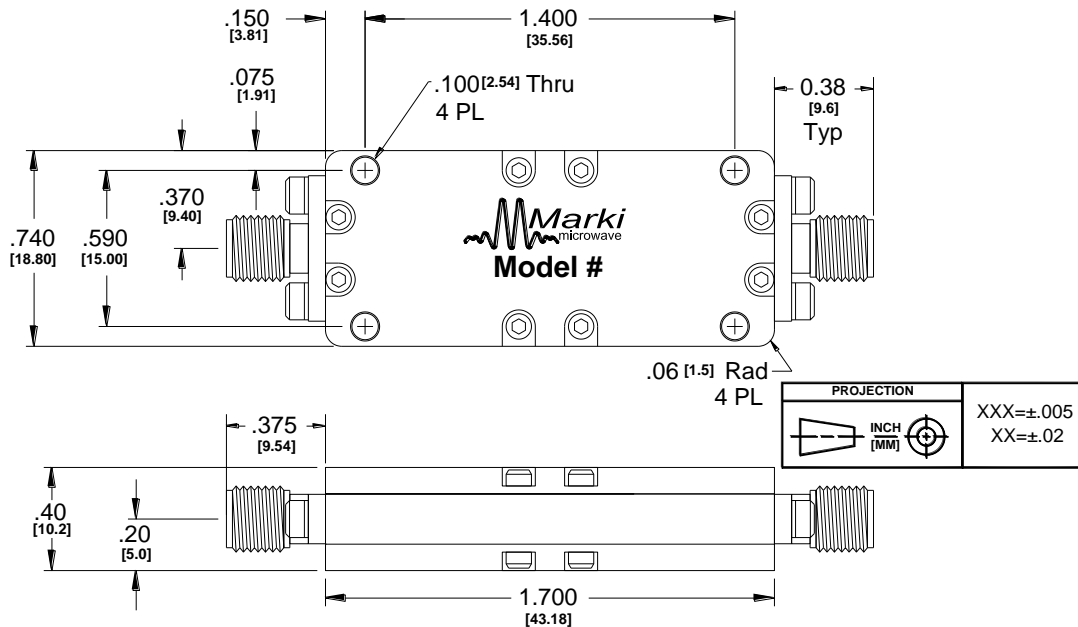
Features

- Passes Entire Ku-band (12-18 GHz)
- Low Insertion Loss
- Excellent Return Loss
- High Stop Band Suppression
- Wide Stop Band
- Sharp Roll-Off
- [FB-1500.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)	15			
Passband (GHz)	12-18 ($\pm 20\%$ of f_c)			
Insertion Loss @ f_c (dB)				3
Passband Return Loss (dB)	12-18	10	15	
Stopband Suppression (dB)	9.5, 21	40	50	
	10.5, 19.8	25	30	
Impedance (Ω)			50	
RF Power (W)				1
Weight (g)			33	



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Typical Performance

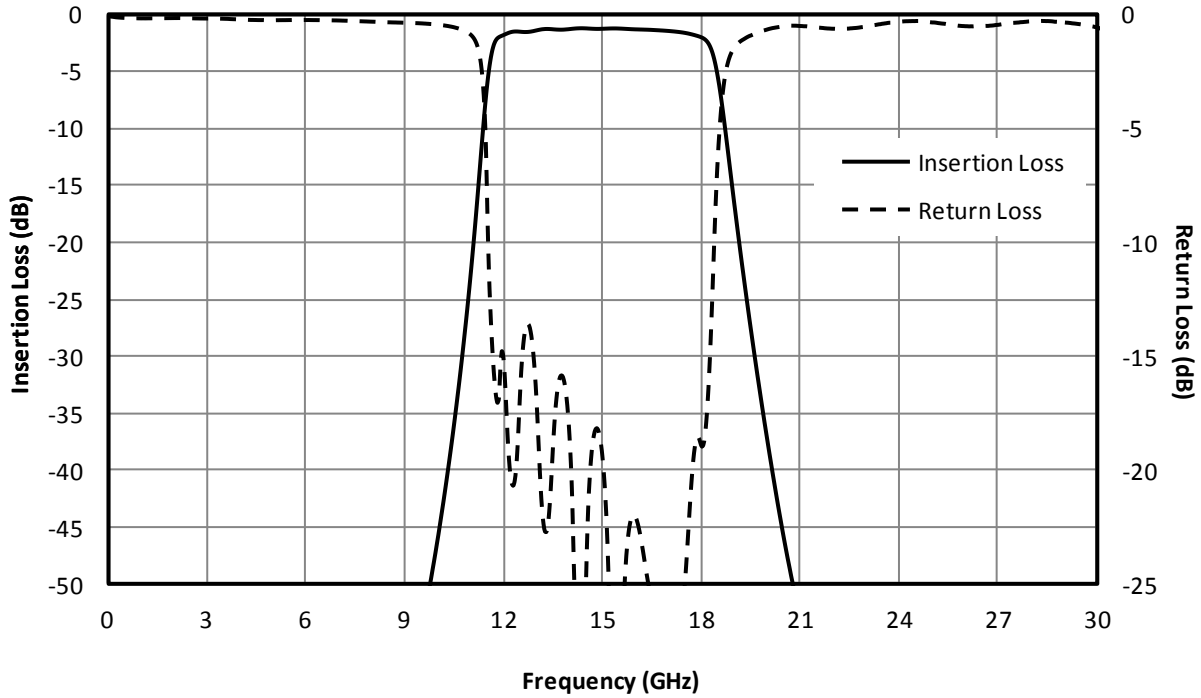


Fig. 1. Magnitude response for a typical FB-1500.

Model Number	Description
FB-1500	12-18 GHz Bandpass Filter with SMA Female connectors ¹

¹Default 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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