



LOWPASS FILTER

FLP-5000

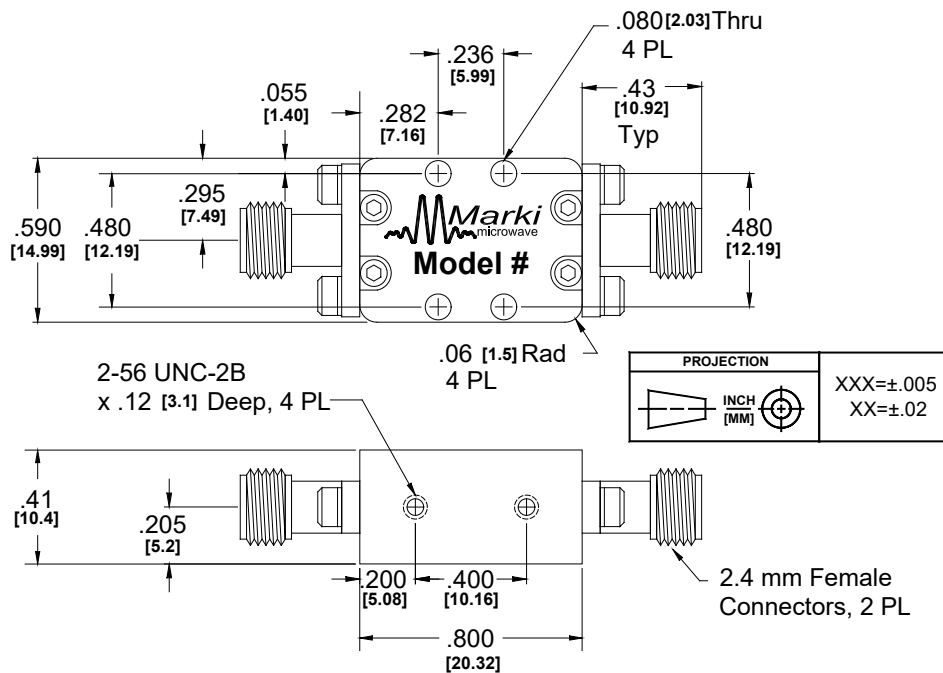
Features

- Low Insertion Loss
- Excellent Return Loss
- High Stop Band Suppression
- 19th Order Filter
- [FLP-5000.S2P](#)



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

Parameter	Frequency (GHz)	Min	Typ.	Max
3 dB Cutoff Frequency	50			
Passband Insertion Loss (dB)	DC-49.4		2	
Passband Return Loss (dB)	DC-49.4	10	15	
Stopband Suppression (dB)	>62	40	50	
	56	25	30	
Impedance (Ω)			50	
RF Power (W)				1
Weight (g)			16.5	



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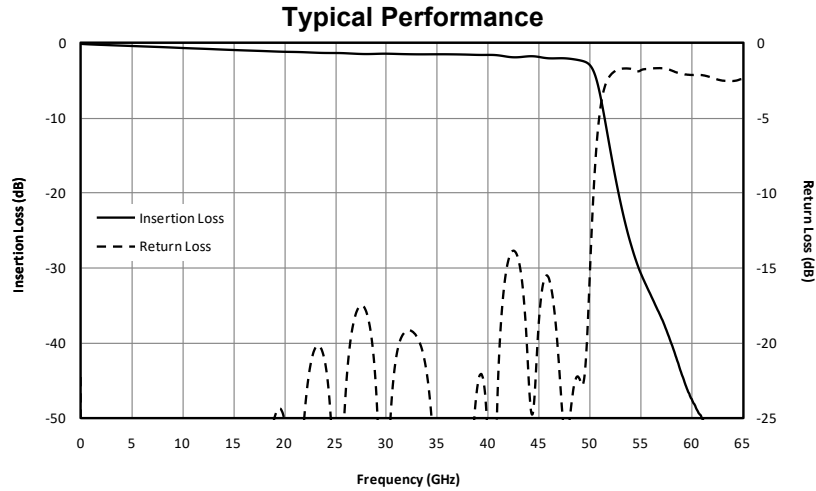


Fig. 1. Magnitude response for a typical FLP-5000.

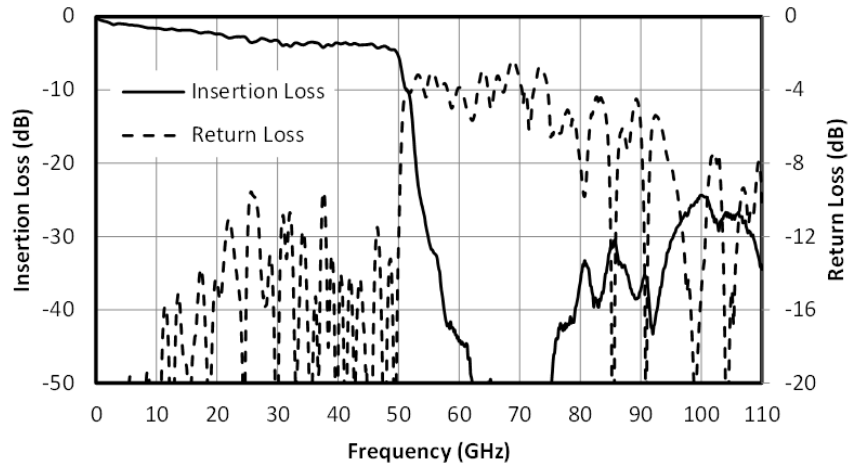


Fig. 2. Extended magnitude response to 110GHz - 1mm adapters used on input and output not calibrated out.

Model Number	Description
FLP-5000	50 GHz Lowpass Filter with 2.4 mm Female connectors

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

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