

**LEAD-FREE / RoHS-COMPLIANT**

**HIGHPASS FILTER**

**FH-5500**

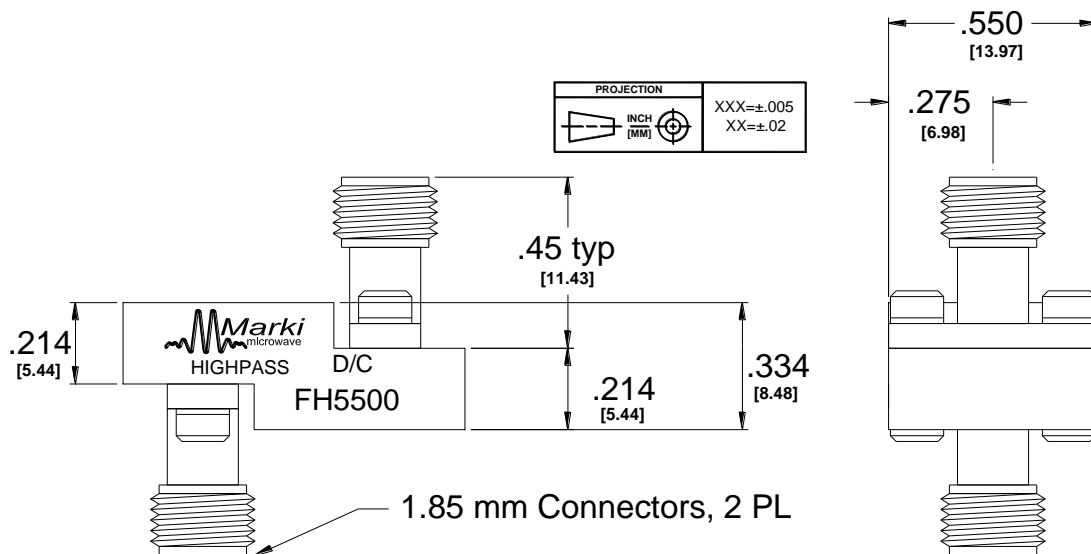
This general purpose high pass filter offers high stop band suppression and low insertion loss in the passband. These filters can be used to eliminate unwanted side bands during up-conversion or for removing spurious interference and noise. Filters with customized frequency cutoff, usable passband and stopband rejection are available upon customer request. Contact the factory for more details.

**Features**

- Low Insertion Loss
- High Stop Band Attenuation
- Compact Size
- User defined options available
- [FH-5500.s2p](#)

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

Parameter	Frequency (GHz)	Min	Typ.	Max
Cutoff Frequency	55			
Passband Insertion Loss (dB)	55-67		1.5	3.5
Passband Return Loss (dB)	55-67		9	
Stopband Suppression (dB)	DC-35	70	80	
	45	40	50	
	51	25	30	
Impedance (Ω)			50	
RF Power (W)				15



**Typical Performance**

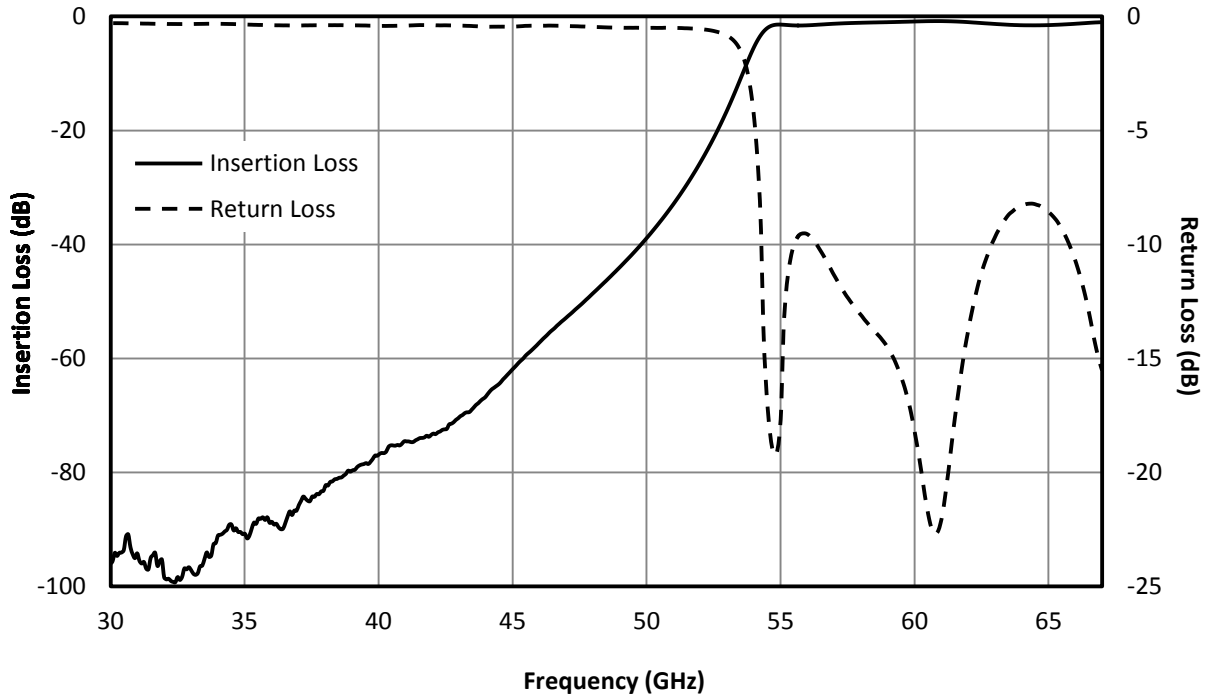


Fig. 1. Magnitude response for a typical FH-5500 Filter.

Model Number	Description
FH-5500	55 GHz Highpass Filter with 1.85 mm Female connectors <sup>1</sup>

<sup>1</sup>Default is 1.85 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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