



BANDPASS FILTER

FB-1690

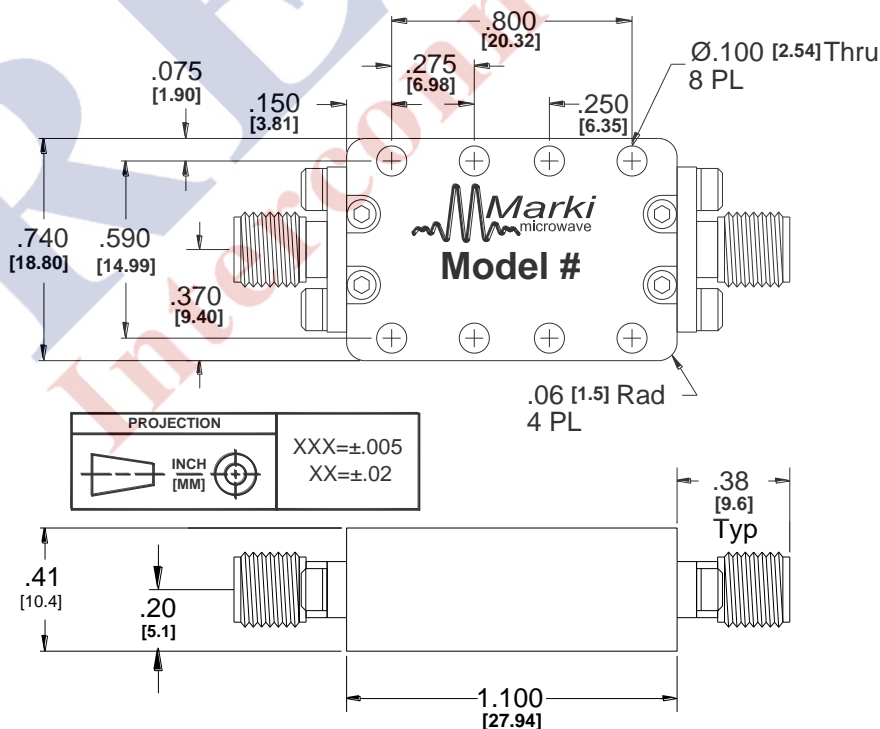
Features

- Low Insertion Loss
- Excellent Return Loss
- High Stop Band Suppression
- Wide Stop Band
- Sharp Roll-Off
- [FB-1690.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) | 16.9 | | | |
| Passband (GHz) | 15.7-18.1 ($\pm 7\%$ of f_c) | | | |
| Insertion Loss @ f_c (dB) | | | | 3 |
| Passband Return Loss (dB) | 15.7-18.1 | 10 | 15 | |
| Stopband Suppression (dB) | 11.2, 22.8 | 40 | 50 | |
| | 13.2, 20.5 | 25 | 30 | |
| Impedance (Ω) | | | 50 | |
| RF Power (W) | | | | 1 |
| Weight (g) | | | 22 | |



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Page 2

Typical Performance

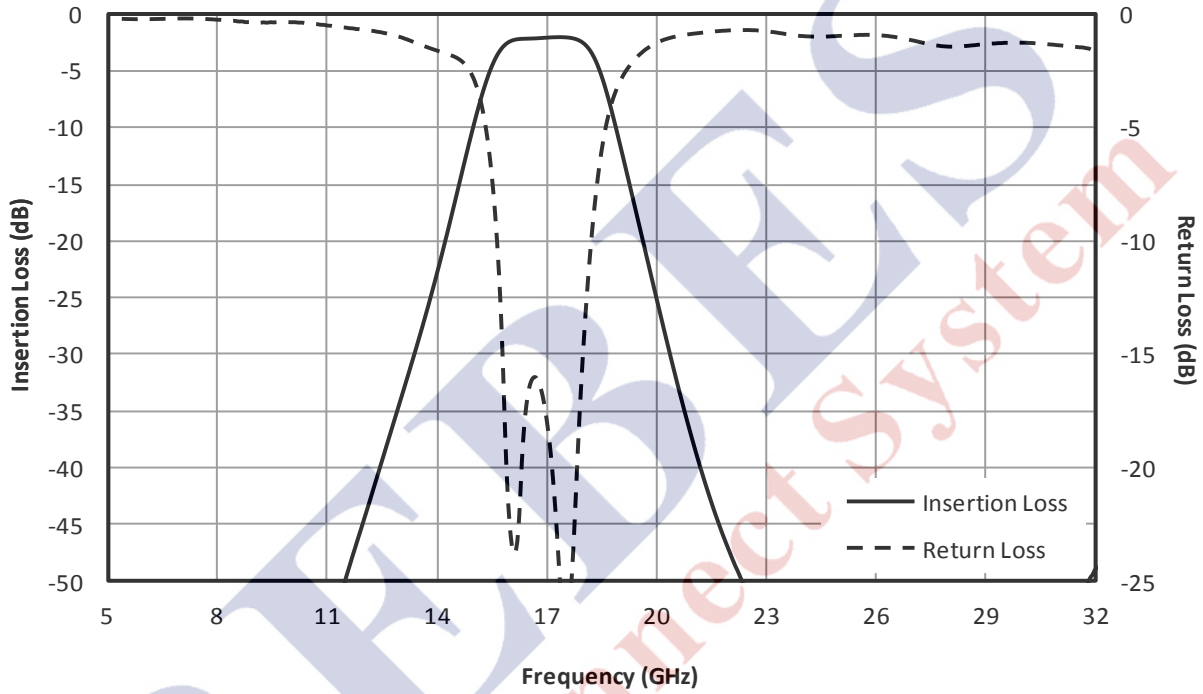


Fig. 1. Magnitude response for a typical FB-1690.

| Model Number | Description |
|--------------|--|
| FB-1690 | 16.9 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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