

# FBF-800-1600-40

0.8~1.6GHz

**Features:**

- \* High Stopband Rejection
- \* Small Size

**Applications:**

- \* Telecom
- \* Laboratory Test
- \* Receivers
- \* Instrumentation

**Electrical**

|                           |   |
|---------------------------|---|
| Frequency <sup>*1</sup> : | 0.8~1.6GHz                                    |
| Passband Insertion Loss:  | 1.7dB max.                                    |
| Passband Return Loss:     | 14dB min.                                     |
| Passband Ripple:          | 1.3dB max.                                    |
| Stopband Attenuation:     | 40dB@DC~725MHz min.<br>40dB@1680~2400MHz min. |
| VSWR:                     | 1.5 max.                                      |
| Average Power:            | 10W max.                                      |
| Impedance:                | 50Ω   |

[1] The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

**Mechanical**

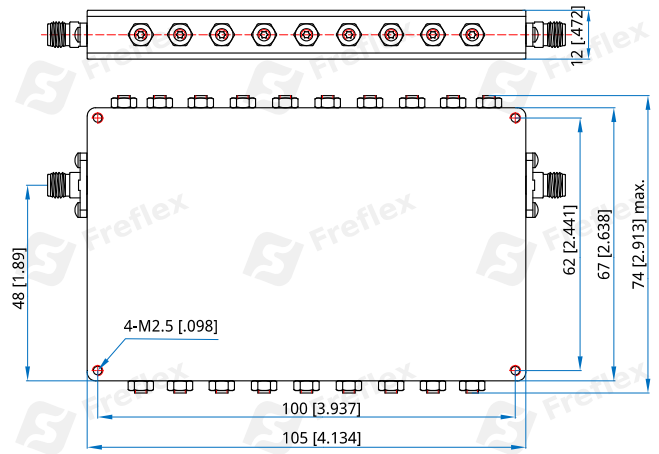
|                      |                                    |
|----------------------|------------------------------------|
| Size <sup>*2</sup> : | 105*67*12mm<br>4.134*2.638*0.472in |
| Connectors:          | SMA Female                         |
| Mounting:            | 4-M2.5 through-hole                |

[2] Exclude connectors.

**Environmental**

|              |           |
|--------------|-----------|
| Temperature: | -30~+70°C |
|--------------|-----------|

**Outline Drawings**



Unit: mm [in]  
Tolerance: ±0.3mm [±0.012in]

**How To Order**  
**FBF-800-1600-40**

Customization is available upon request.