

## FBF-29500-30500-45

### 29.5~30.5GHz, 45dB

#### Features:

- \* High Stopband Rejection
- \* Small Size

#### Applications:

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

#### Electrical

|                          |                                                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Passband:                | 29.5~30.5GHz                                                                                                                               |
| Passband Insertion Loss: | 1.7dB max.                                                                                                                                 |
| Passband Ripple:         | 0.5dB max.                                                                                                                                 |
| VSWR:                    | 1.3 max.                                                                                                                                   |
| Stopband Attenuation:    | 70dB @ DC ~ 28.5GHz min.<br>45dB @ 28.5 ~ 29GHz min.<br>(50dB typ.)<br>45dB @ 31 ~ 31.5GHz min.<br>(50dB typ.)<br>70dB @ 31.5 ~ 48GHz min. |
| Impedance:               | 50Ω                                                                                                                                        |
| Average Power:           | 5W max.                                                                                                                                    |

#### Mechanical

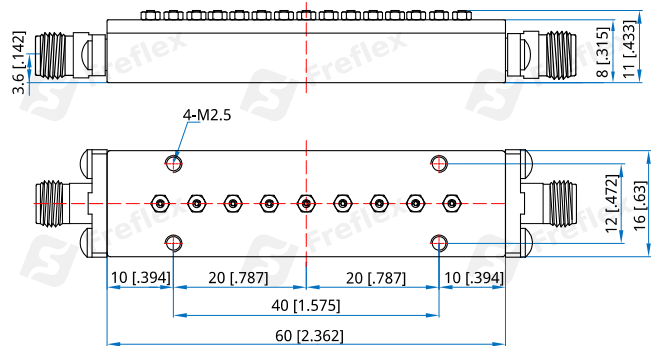
|                      |                                 |
|----------------------|---------------------------------|
| Size <sup>*1</sup> : | 60*16*8mm<br>2.362*0.63*0.315in |
| Connectors:          | 2.92mm Female                   |
| Mounting:            | 4-M2.5 through hole             |

[1] Exclude connectors.

#### Environmental

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

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

#### How To Order

**FBF-29500-30500-45**

Customization is available upon request.