

## FPD8-600-8000-30-S

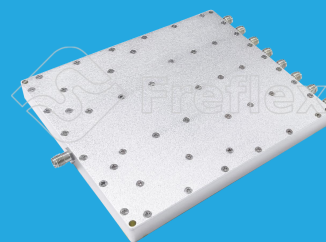
8-Way, 0.6~8GHz

### Features:

- \* Small Size
- \* Low Insertion Loss

### Applications:

- \* Amplifiers
- \* Mixers
- \* Antennas
- \* Laboratory Test



### Electrical

|                                |                                            |
|--------------------------------|--------------------------------------------|
| Frequency:                     | 0.6~8GHz                                   |
| Insertion Loss <sup>*1</sup> : | 3dB max.                                   |
| Input VSWR:                    | 1.45 max.                                  |
| Output VSWR:                   | 1.3 max.                                   |
| Isolation:                     | 20dB min.                                  |
| Amplitude Balance:             | ±0.4dB                                     |
| Phase Balance:                 | ±5°                                        |
| Impedance:                     | 50Ω                                        |
| Power @SUM Port:               | 30W max. as divider<br>2W max. as combiner |

[1] Excluding theoretical loss 9.0dB.

### Mechanical

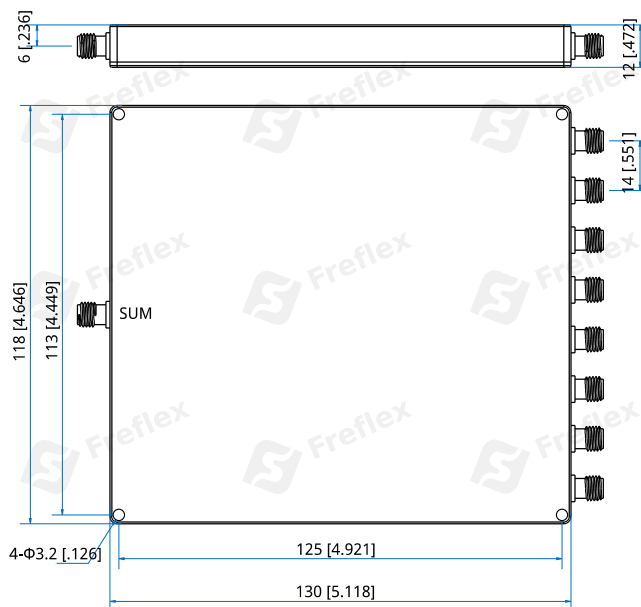
|                      |                                     |
|----------------------|-------------------------------------|
| Size <sup>*2</sup> : | 130*118*12mm<br>5.118*4.646*0.472in |
| Connectors:          | SMA Female                          |
| Mounting:            | 4-Φ3.2mm through-hole               |

[2] Exclude connectors.

### Environmental

|                            |            |
|----------------------------|------------|
| Operation Temperature:     | -45~+85°C  |
| Non-operating Temperature: | -55~+125°C |

### Outline Drawings



Unit: mm [in]

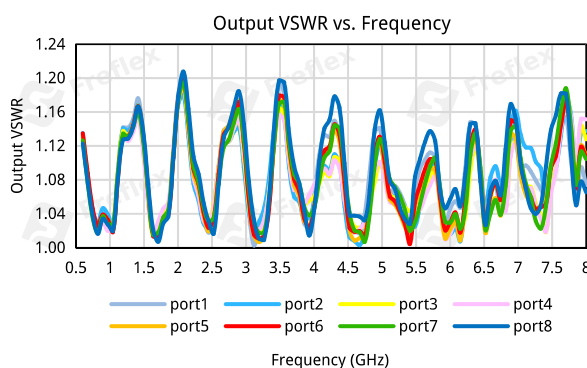
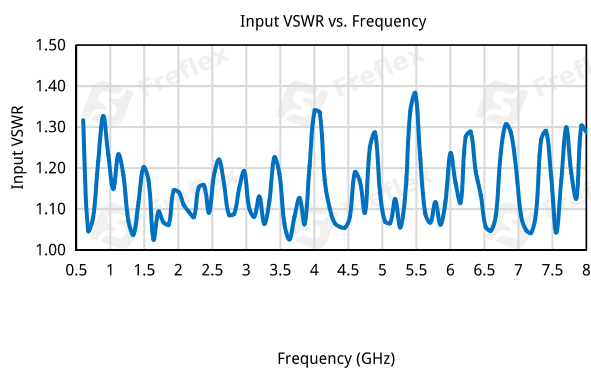
Tolerance: ±0.5mm [±0.02in]

### How To Order

**FPD8-600-8000-30-S**

Customization is available upon request.

### Typical Performance Curves



## 8-Way Power Divider/Combiner

