

## FPD4-6000-18000-20-S

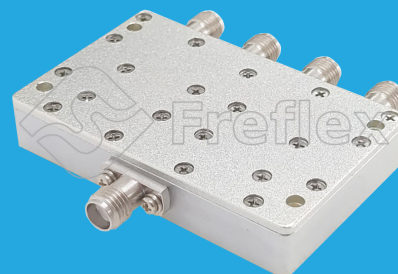
4-Way, 6~18GHz

### Features:

- \* Small Size
- \* Low Insertion Loss

### Applications:

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



### Electrical

|                    |                                            |
|--------------------|--------------------------------------------|
| Frequency:         | 6~18GHz                                    |
| Insertion Loss:    | 1.3dB max.                                 |
| Input VSWR:        | 1.5 max.                                   |
| Output VSWR:       | 1.5 max.                                   |
| Isolation:         | 18dB min.                                  |
| Amplitude Balance: | ±0.3dB                                     |
| Phase Balance:     | ±6°                                        |
| Impedance:         | 50Ω                                        |
| Power @SUM Port:   | 20W max. as divider<br>1W max. as combiner |

### Mechanical

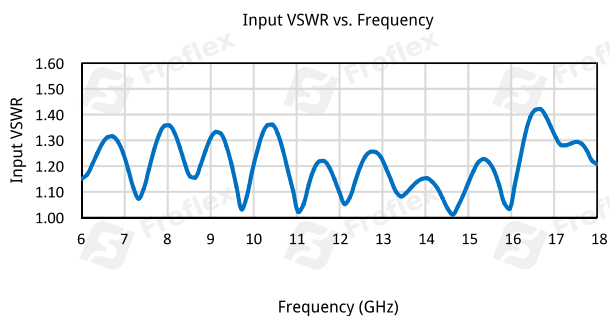
|                      |                                   |
|----------------------|-----------------------------------|
| Size <sup>*1</sup> : | 56*35*10mm<br>2.205*1.378*0.394in |
| Connectors:          | SMA Female                        |
| Mounting:            | 4-Φ2.7mm through-hole             |

[1] Exclude connectors.

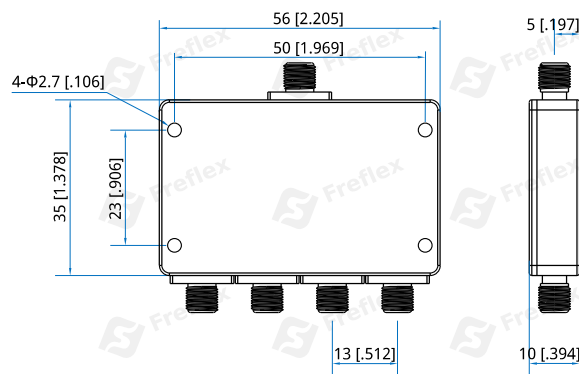
### Environmental

|                        |           |
|------------------------|-----------|
| Operation Temperature: | -45~+85°C |
|------------------------|-----------|

### Typical Performance Curves



### Outline Drawings



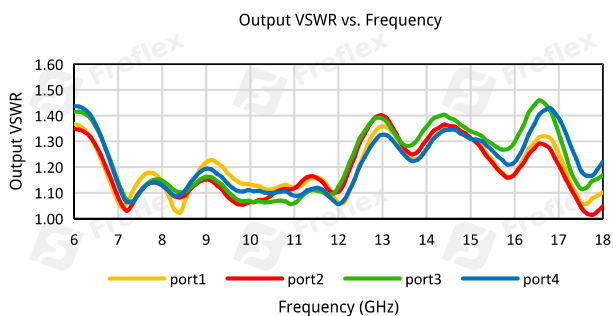
Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

### How To Order

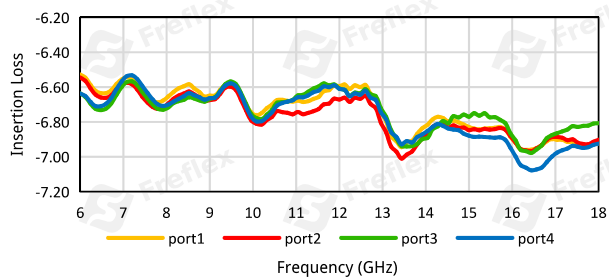
**FPD4-6000-18000-20-S**

Customization is available upon request.

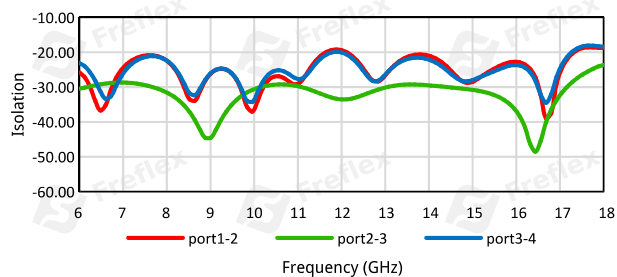


## 4-Way Power Divider/Combiner

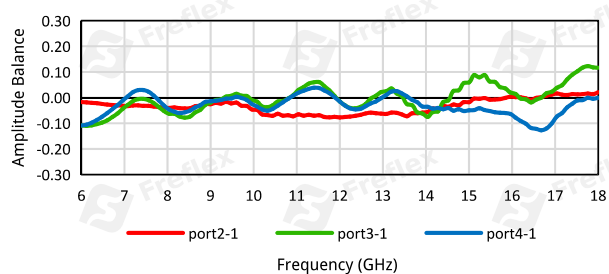
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

