

## FPD16-2000-4000-50-S

### 16-Way, 2~4GHz

#### Features:

- \* Small Size
- \* Low Insertion Loss

#### Applications:

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

#### Electrical

|                                |                                            |
|--------------------------------|--------------------------------------------|
| Frequency:                     | 2~4GHz                                     |
| Insertion Loss <sup>*1</sup> : | 0.8dB max.                                 |
| Input VSWR:                    | 1.45 max.                                  |
| Output VSWR:                   | 1.25 max.                                  |
| Isolation:                     | 16dB min.                                  |
| Amplitude Balance:             | ±0.3dB                                     |
| Phase Balance:                 | ±6°                                        |
| Impedance:                     | 50Ω                                        |
| Power @SUM Port:               | 50W max. as divider<br>3W max. as combiner |

[1] Excluding theoretical loss 12dB.

#### Mechanical

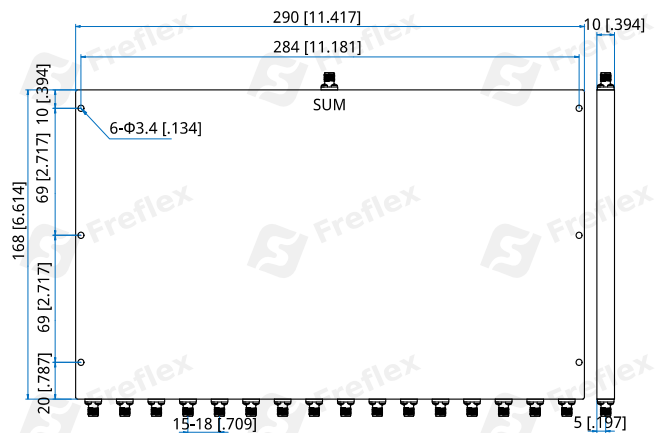
|                      |                                      |
|----------------------|--------------------------------------|
| Size <sup>*2</sup> : | 290*168*10mm<br>11.417*6.614*0.394in |
| Connectors:          | SMA Female                           |
| Mounting:            | 6-Φ3.4mm through-hole                |
| Finish:              | Black paint                          |

[2] Exclude connectors.

#### Environmental

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

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]

#### How To Order

**FPD16-2000-4000-50-S**

Customization is available upon request.