

## FPD3-700-4000-30

3-Way, 0.7~4GHz

### Features:

- \* Small Size
- \* Low Insertion Loss

### Applications:

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

### Electrical

|                    |                                            |
|--------------------|--------------------------------------------|
| Frequency:         | 0.7~4GHz                                   |
| Insertion Loss:    | 1.2dB max. (SMA)<br>1.4dB max. (N)         |
| Input VSWR:        | 1.3 max.                                   |
| Output VSWR:       | 1.2 max.                                   |
| Isolation:         | 20dB min.                                  |
| Amplitude Balance: | ±0.5dB (N)<br>±0.8dB (SMA)                 |
| Phase Balance:     | ±5° (N)<br>±8° (SMA)                       |
| Impedance:         | 50Ω                                        |
| Power @SUM Port:   | 30W max. as divider<br>2W max. as combiner |

[1] Excluding theoretical loss 4.8dB.

### Mechanical

Mounting: 4-Φ3.2mm through-hole

### Environmental

Operation Temperature: -35~+75°C

### How To Order

**FPD3-700-4000-30-Y**

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

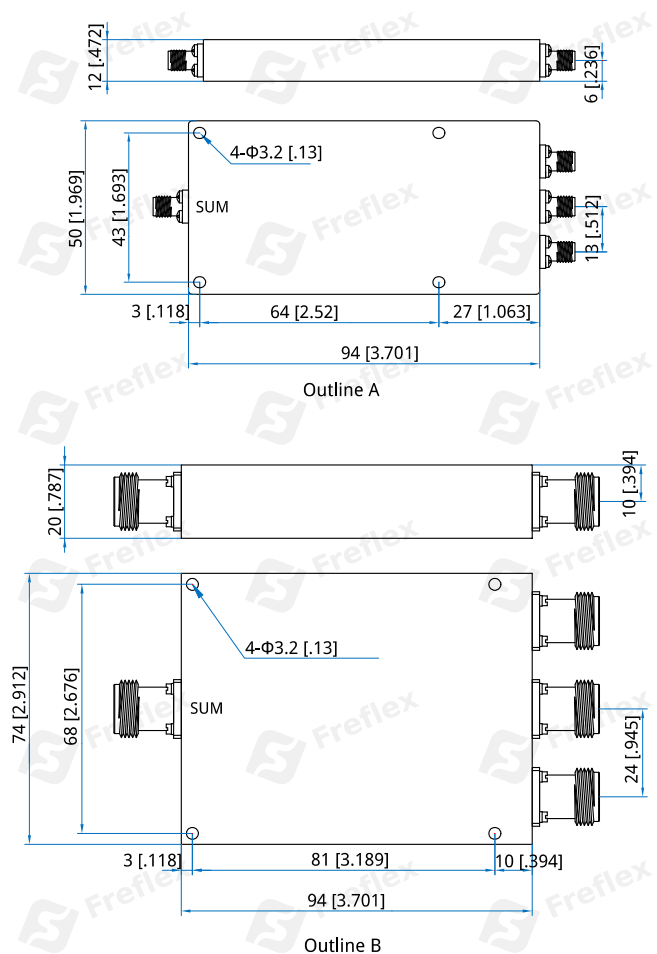
N - N Female (Outline B)

Examples:

To order a 3-way power divider, 0.7~4GHz, 30W, N female, specify FPD3-700-4000-30-N.

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]