

## FPD3-500-6000-30

3-Way, 0.5~6GHz

### Features:

- \* Small Size
- \* Low Insertion Loss

### Applications:

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

### Electrical

|                    |                                            |
|--------------------|--------------------------------------------|
| Frequency:         | 0.5~6GHz                                   |
| Insertion Loss:    | 2.6dB max. (SMA)<br>2.8dB max. (N)         |
| Input VSWR:        | 1.5 max.                                   |
| Output VSWR:       | 1.4 max.                                   |
| Isolation:         | 20dB min. (SMA)<br>18dB min. (N)           |
| Amplitude Balance: | 0.8dB max.                                 |
| Phase Balance:     | ±8°                                        |
| Impedance:         | 50Ω                                        |
| Power @SUM Port:   | 30W max. as divider<br>2W max. as combiner |

### Mechanical

|           |                                                          |
|-----------|----------------------------------------------------------|
| Mounting: | 4-Φ2.8mm through-hole (SMA)<br>4-Φ3.2mm through-hole (N) |
|-----------|----------------------------------------------------------|

### Environmental

|                        |           |
|------------------------|-----------|
| Operation Temperature: | -35~+75°C |
|------------------------|-----------|

### How To Order

**FPD3-500-6000-30-Y**

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

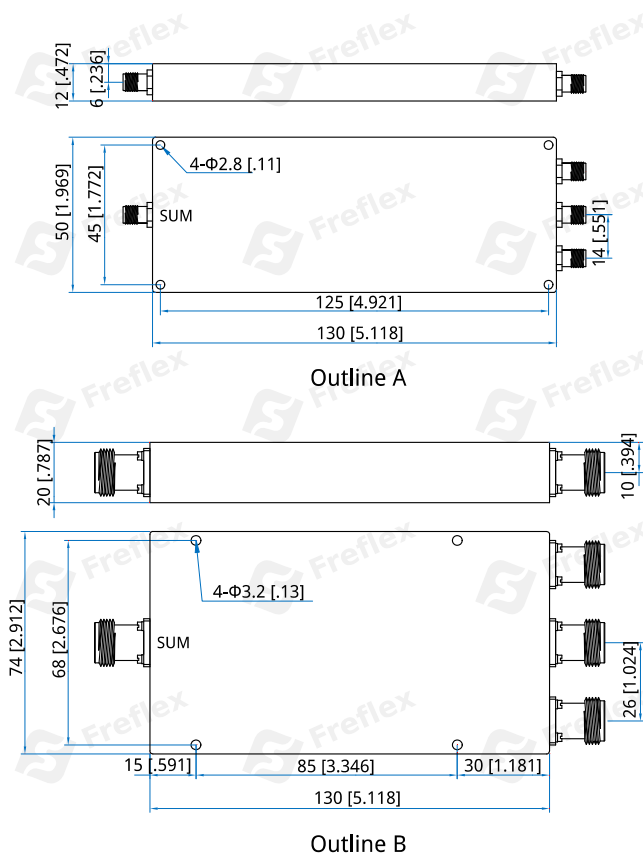
N - N Female (Outline B)

Examples:

To order a 3-way power divider, 0.5~6GHz, 30W, N female, specify FPD3-500-6000-30-N.

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]