

# FPD2-500-18000-30

## 2-Way, 0.5~18GHz

**Features:**

- \* Small Size
- \* Low Insertion Loss

**Applications:**

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

### Electrical

Frequency:	0.5~18GHz
Insertion Loss <sup>*1</sup> :	1.2dB max. (Outline A) 1.5dB max.
Input VSWR:	1.5 max. (Outline A) 1.6 max.
Output VSWR:	1.5 max.
Isolation:	16dB min.
Amplitude Balance:	±0.3dB max.
Phase Balance:	±4° max.
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 1W max. as combiner

[1] Excluding theoretical loss 3dB.

### Mechanical

Connectors: N Female, SMA Female

### How To Order

**FPD2-500-18000-30-Y**

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

N - N Female (Outline B)

Examples:

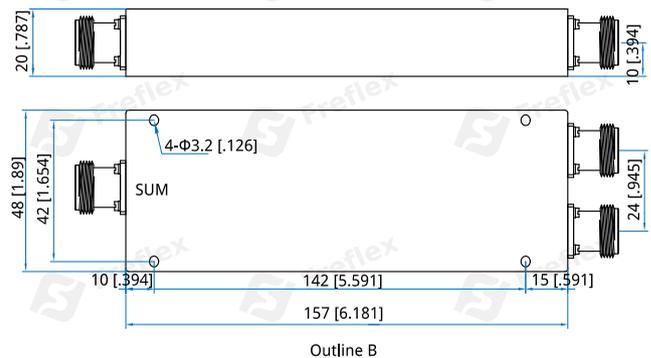
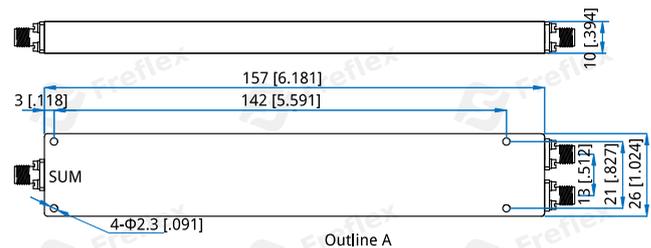
To order a 2-way power divider, 0.5~18GHz, 30W, N female, specify FPD2-500-18000-30-N.

Customization is available upon request.

### Environmental

Operation Temperature: -40~+80°C (Outline A)  
-45~+85°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]