

# FPD2-100-520-30

## 2-Way, 0.1~0.52GHz, 30W

Features:  
 \* Small Size  
 \* Low Insertion Loss

Applications:  
 \* Amplifiers  
 \* Mixers  
 \* Antennas  
 \* Laboratory Test

### Electrical

Frequency:	0.1~0.52GHz
Insertion Loss <sup>[1]</sup> :	0.6dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.2dB
Phase Balance:	±2°
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

[1] Excluding theoretical loss 3.0dB.

### Mechanical

Connectors:	SMA Female, N Female
Mounting:	4-Φ3.2mm through hole

### Environmental

Operating Temperature:	-35~+75°C
Non-operating Temperature:	-45~+85°C

### How To Order

**FPD2-100-520-30-Y**

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

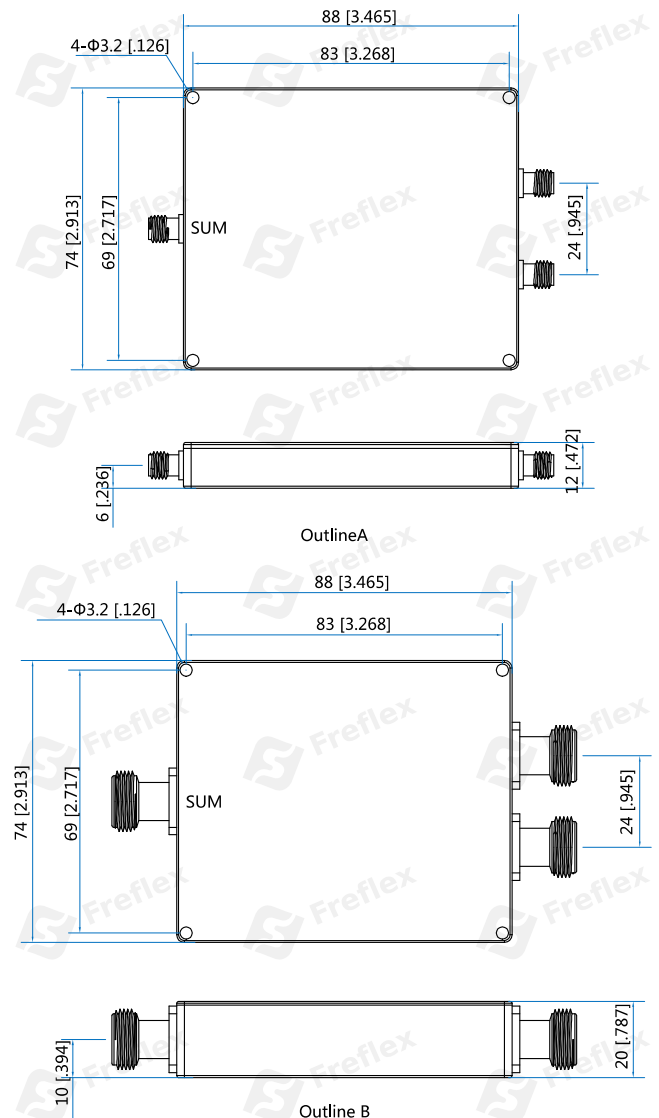
N - N Female (Outline B)

Examples:

To order a 2-way power divider, 100~520MHz, 30W, SMA female, specify FPD2-100-520-30-S.

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]