

## FPD4-110-3800-30

4-Way, 0.11~3.8GHz

**Features:**

- \* Small Size
- \* Low Insertion Loss

**Applications:**

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

### Electrical

Frequency:	0.11~3.8GHz
Insertion Loss <sup>*1</sup> :	3.5dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	19dB min.
Amplitude Balance:	±0.2dB
Phase Balance:	±4°
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

[1] Excluding theoretical loss 6.0dB.

### Mechanical

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

### Environmental

Operation Temperature: -35~+75°C

### How To Order

**FPD4-110-3800-30-Y**

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

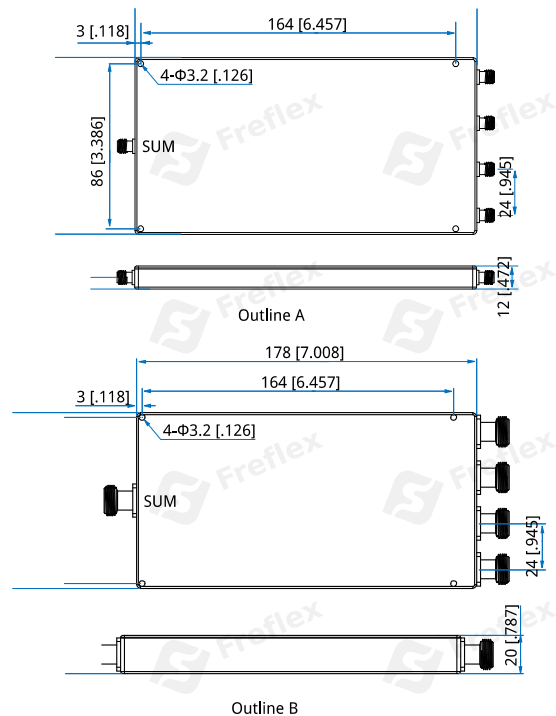
N - N Female (Outline B)

Examples:

To order a 4-way power divider, 0.11~3.8GHz, 30W, N female, specify FPD4-110-3800-30-N.

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

# 4-Way Power Divider/Combiner

## Typical Performance Curves

N

