

**NPD4-400-6000**

4-Way, 0.4~6GHz

### Features:

- \* Small Size
- \* Low Insertion Loss

Applications:

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

## Electrical

Frequency:	0.4~6GHz
Insertion Loss:	2.4dB max. (SMA) 2.0dB max. (N)
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min. (SMA) 18dB min. (N)
Amplitude Balance:	0.3dB max.
Phase Balance:	±4°
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

## Mechanical

Mounting: 4- $\Phi$ 3.2mm through-hole

## Environmental

Operation Temperature: -35~+75°C

## How To Order

NPD4-400-6000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

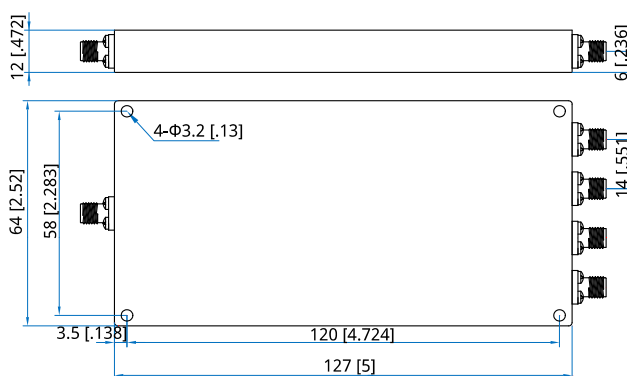
N - N Female (Outline B)

Examples:

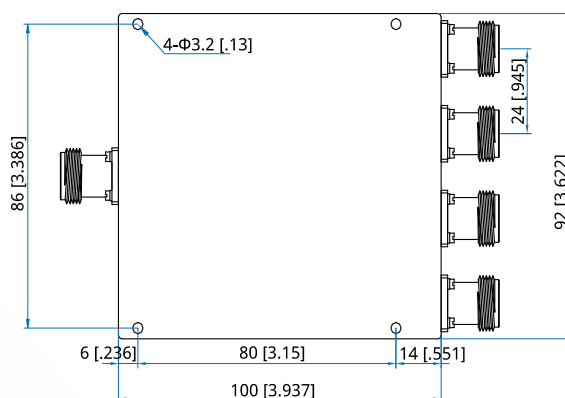
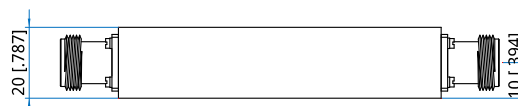
To order a 4-way power divider, 0.4~6GHz, 30W, N female, specify NPD4-400-6000-30-N.

Customization is available upon request.

## Outline Drawings



## Outline A



## Outline B

Unit: mm [in]

Tolerance:  $\pm 0.5\text{mm}$  [ $\pm 0.02\text{in}$ ]