

### NPD2-400-6000

2-Way, 0.4~6GHz

#### Features:

- \* Small Size
- \* Low Insertion Loss

#### Applications:

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

#### Electrical

|                    |                                    |
|--------------------|------------------------------------|
| Frequency:         | 0.4~6GHz                           |
| Insertion Loss:    | 1.2dB max. (SMA)<br>1.4dB max. (N) |
| Input VSWR:        | 1.3 max.                           |
| Output VSWR:       | 1.2 max.                           |
| Isolation:         | 20dB min.                          |
| Amplitude Balance: | 0.2dB max.                         |
| Phase Balance:     | $\pm 3^\circ$                      |
| Impedance:         | 50 $\Omega$                        |
| Average Power:     | 30W max.<br>2W max. as combiner    |

#### Mechanical

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

#### Environmental

Operation Temperature: -35~+75°C

#### How To Order

NPD2-400-6000-X-Y

X: Average power as divider

Y: Connector type

#### Connector naming rules:

S - SMA Female (Outline A)

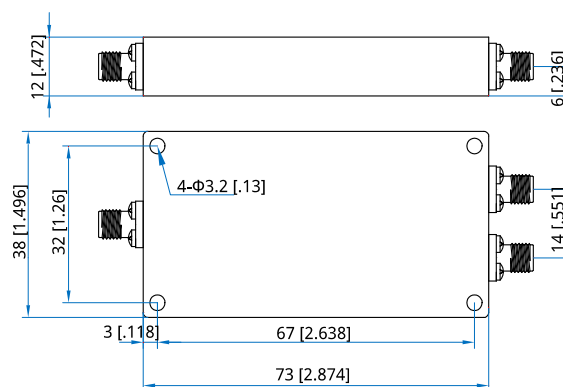
N - N Female (Outline B)

#### Examples:

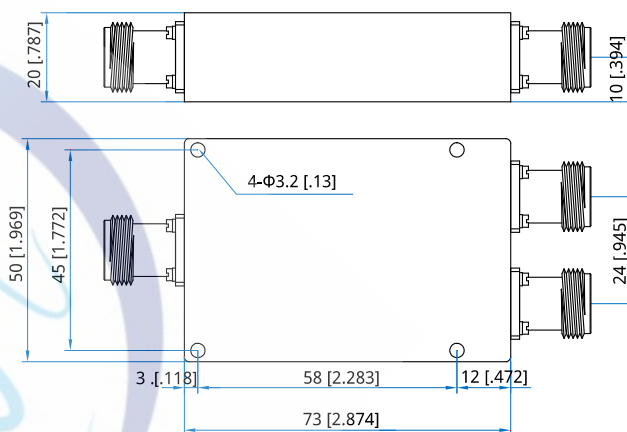
To order a 2-way power divider, 0.4~6GHz, 30W, N female, specify NPD2-400-6000-30-N.

Customization is available upon request.

#### Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance:  $\pm 0.5$ mm [ $\pm 0.02$ in]