

## NPD2-800-3000

2-Way, 0.8~3GHz

### Features:

- \* Small Size
- \* Low Insertion Loss

### Applications:

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

### Electrical

|                    |                                    |
|--------------------|------------------------------------|
| Frequency:         | 0.8~3GHz                           |
| Insertion Loss:    | 0.5dB max. (SMA)<br>0.6dB max. (N) |
| Input VSWR:        | 1.25 max.                          |
| Output VSWR:       | 1.2 max.                           |
| Isolation:         | 20dB min.                          |
| Amplitude Balance: | 0.2dB max.                         |
| Phase Balance:     | 3° max.                            |
| Impedance:         | 50Ω                                |
| Average Power:     | 30W max.<br>2W max. as combiner    |

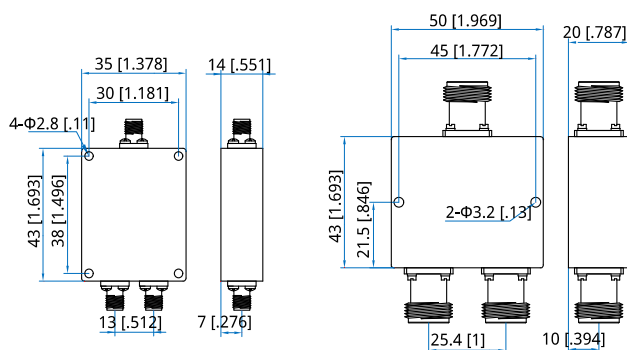
### Mechanical

|           |                             |
|-----------|-----------------------------|
| Mounting: | 4-Φ2.8mm through-hole (SMA) |
| Mounting: | 2-Φ3.2mm through-hole (N)   |

### Environmental

|                        |           |
|------------------------|-----------|
| Operation Temperature: | -35~+75°C |
|------------------------|-----------|

### Outline Drawings



Outline A

Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

### How To Order

**NPD2-800-3000-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, 0.8~3GHz, 30W, N female, specify NPD2-800-3000-30-N.

Customization is available upon request.