

## NPD16-700-3000

16-Way, 0.7~3GHz

### Features:

- \* Small Size
- \* Low Insertion Loss

### Applications:

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

### Electrical

|                    |                                    |
|--------------------|------------------------------------|
| Frequency:         | 0.7~3GHz                           |
| Insertion Loss:    | 1.4dB max. (SMA)<br>1.8dB max. (N) |
| Input VSWR:        | 1.4 max.                           |
| Output VSWR:       | 1.3 max.                           |
| Isolation:         | 20dB min.                          |
| Amplitude Balance: | 0.3dB max. (SMA)<br>0.4dB max. (N) |
| Phase Balance:     | ±5° (SMA)<br>±6° (N)               |
| Impedance:         | 50Ω                                |
| Average Power:     | 30W max.<br>2W max. as combiner    |

### Mechanical

|           |                                                          |
|-----------|----------------------------------------------------------|
| Mounting: | 6-Φ2.8mm through-hole (SMA)<br>4-Φ4.2mm through-hole (N) |
|-----------|----------------------------------------------------------|

### Environmental

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

### How To Order

**NPD16-700-3000-X-Y**

X: Average power as divider

Y: Connector type

### Connector naming rules:

S - SMA Female (Outline A)

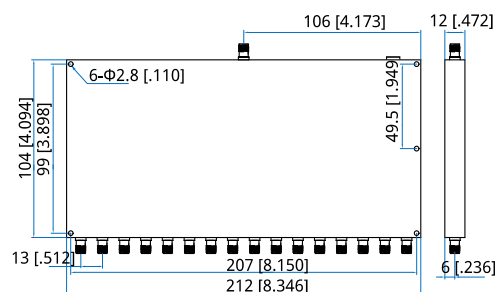
N - N Female (Outline B)

### Examples:

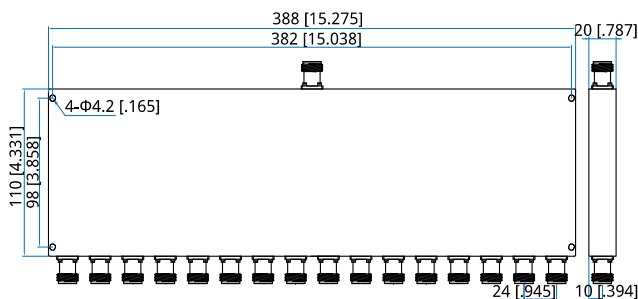
To order a 16-way power divider, 0.7~3GHz, 30W, N female, specify NPD16-700-3000-30-N.

Customization is available upon request.

### Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]