



## 8-Way Power Divider/Combiner

### NPD8-600-8000-30-S

8-Way, 0.6~8GHz

#### Features:

- \* Small Size
- \* Low Insertion Loss

#### Applications:

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

#### Electrical

|                    |                                 |
|--------------------|---------------------------------|
| Frequency:         | 0.6~8GHz                        |
| Insertion Loss:    | 3.6dB max.                      |
| Input VSWR:        | 1.4 max.                        |
| Output VSWR:       | 1.3 max.                        |
| Isolation:         | 20dB min.                       |
| Amplitude Balance: | 0.4dB max.                      |
| Phase Balance:     | $\pm 5^\circ$                   |
| Impedance:         | 50 $\Omega$                     |
| Average Power:     | 30W max.<br>2W max. as combiner |

#### Mechanical

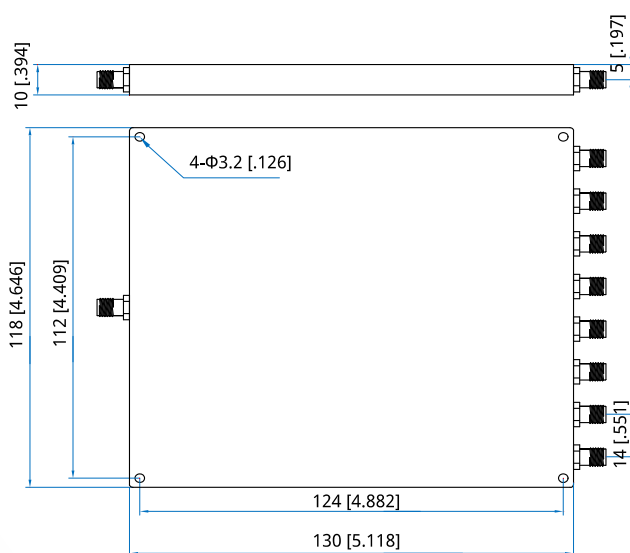
|             |                                     |
|-------------|-------------------------------------|
| Size*1:     | 130*118*10mm<br>5.118*4.646*0.394in |
| Weight:     | 370g                                |
| Connectors: | SMA Female                          |
| Mounting:   | 4- $\Phi$ 3.2mm through-hole        |

[1] Exclude connectors.

#### Environmental

|                        |           |
|------------------------|-----------|
| Operation Temperature: | -45~+85°C |
|------------------------|-----------|

#### Outline Drawings



Unit: mm [in]

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

#### How To Order

**NPD8-600-8000-30-S**

Customization is available upon request.