



## 2-Way Power Divider/Combiner

### NPD2-100-550-K1-N

2-Way, 0.1~0.55GHz

#### Features:

- \* Small Size
- \* Low Insertion Loss

#### Applications:

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

#### Electrical

|                    |                                   |
|--------------------|-----------------------------------|
| Frequency:         | 0.1~0.55GHz                       |
| Insertion Loss:    | 0.5dB max.                        |
| Input VSWR:        | 1.2 max.                          |
| Output VSWR:       | 1.2 max.                          |
| Isolation:         | 20dB min.                         |
| Amplitude Balance: | 0.2dB max.                        |
| Phase Balance:     | ±2°                               |
| Impedance:         | 50Ω                               |
| Average Power:     | 100W max.<br>10W max. as combiner |

#### Mechanical

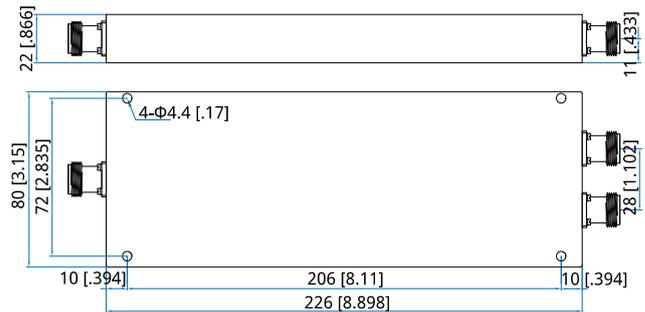
|             |                                   |
|-------------|-----------------------------------|
| Size*1:     | 226*80*22mm<br>8.898*3.15*0.866in |
| Weight:     | 1200g                             |
| Connectors: | N Female                          |
| Mounting:   | 4-Φ4.4mm through-hole             |

[1] Exclude connectors.

#### Environmental

Operation Temperature: -35~+75°C

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

#### How To Order

**NPD2-100-550-K1-N**

Customization is available upon request.