

## NPD12-2000-18000-20-S

12-Way, 2~18GHz

### Features:

- \* Small Size
- \* Low Insertion Loss

### Applications:

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

### Electrical

|                    |                                 |
|--------------------|---------------------------------|
| Frequency:         | 2~18GHz                         |
| Insertion Loss:    | 4.2dB max.                      |
| Input VSWR:        | 2 max.                          |
| Output VSWR:       | 1.8 max.                        |
| Isolation:         | 15dB min.                       |
| Amplitude Balance: | 0.8dB max.                      |
| Phase Balance:     | $\pm 12^\circ$                  |
| Impedance:         | 50 $\Omega$                     |
| Average Power:     | 20W max.<br>1W max. as combiner |

### Mechanical

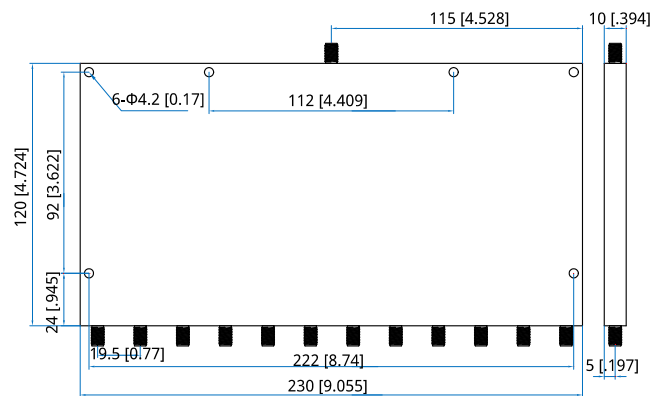
|                      |                                     |
|----------------------|-------------------------------------|
| Size <sup>*1</sup> : | 120*230*10mm<br>4.724*9.055*0.394in |
| Connectors:          | SMA Female                          |
| Mounting:            | 6- $\Phi$ 4.2mm through-hole        |

[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

**NPD12-2000-18000-20-S**

Customization is available upon request.