



## 8-Way Power Divider/Combiner

### NPD8-5-1000-1-S

8-Way, 0.005~1GHz

#### Features:

- \* Small Size
- \* Low Insertion Loss

#### Applications:

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

#### Electrical

Frequency:	0.005~1GHz
Insertion Loss:	3dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.5 max.
Isolation:	18dB min.
Amplitude Balance:	0.5dB max.
Phase Balance:	$\pm 10^\circ$
Impedance:	50 $\Omega$
Average Power:	1W max. 0.5W max. as combiner

#### Mechanical

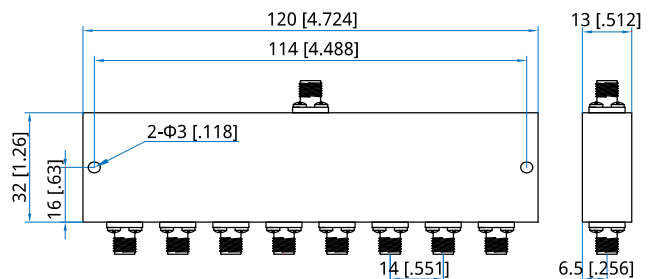
Size <sup>*1</sup> :	120*32*13mm 4.724*1.26*0.512in
Weight:	200g
Connectors:	SMA Female
Mounting:	2- $\Phi 3$ mm through-hole

[1] Exclude connectors.

#### Environmental

Operation Temperature: -35~+75°C

#### Outline Drawings



Unit: mm [in]

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

#### How To Order

[NPD8-5-1000-1-S](#)

Customization is available upon request.