



8-Way Resistive Power Dividers

NPD8-0-3000

8-Way, DC~3GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	DC~3GHz
Insertion Loss:	18.5dB max. (SMA) 23dB max. (N)
Input VSWR:	1.3 max.
Output VSWR:	1.3 max.
Isolation:	17dB min. (SMA) 20dB min. (N)
Amplitude Balance:	0.5dB max. (SMA) ± 0.6 dB (N)
Phase Balance:	$\pm 5^\circ$ (SMA) $\pm 8^\circ$ (N)
Impedance:	50 Ω
Average Power:	2W

Mechanical

Mounting: 4- Φ 3.2mm through-hole

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD8-0-3000-X-Y

X: Average power

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

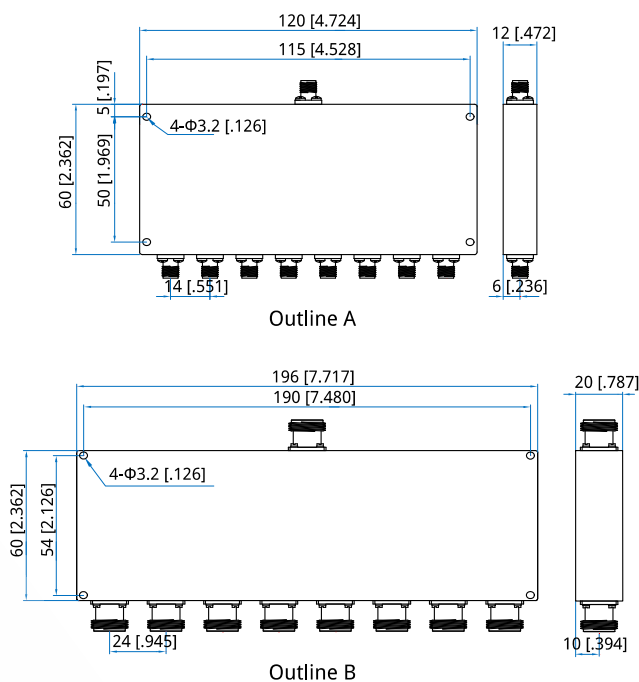
N - N Female (Outline B)

Examples:

To order a 8-way resistive power divider, DC~3GHz, 2W, N female, specify NPD8-0-3000-2-N.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]