

NPD2-500-3000

2-Way, 0.5~3GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0.5~3GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	22dB min. (SMA) 20dB min. (N)
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50 Ω
Average Power:	30W max. 2W max. as combiner

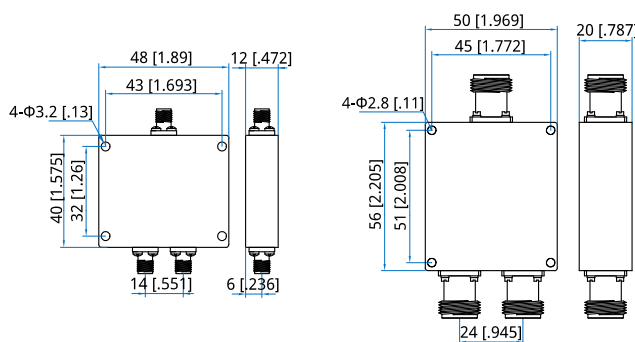
Mechanical

Mounting:	4- Φ 3.2mm through-hole (SMA) 4- Φ 2.8mm through-hole (N)
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Environmental

Operation Temperature:	-35~+75°C
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Outline Drawings



Outline A

Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD2-500-3000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

N - N Female (Outline B)

Examples:

To order a 2-way power divider, 0.5~3GHz, 30W, N female, specify NPD2-500-3000-30-N.

Customization is available upon request.