



2-Way Power Dividers/Combiners

NPD2-1000-2000

2-Way, 1~2GHz

Features:

- * Small Size
- * Low Insertion Loss

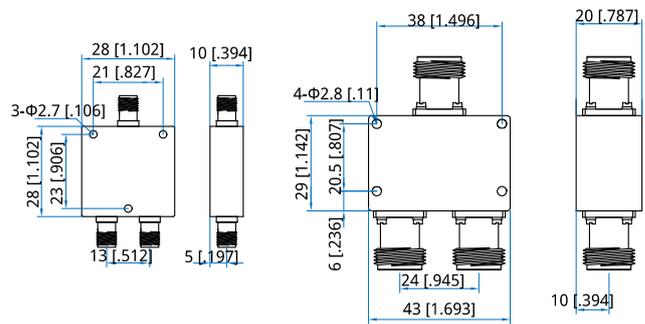
Applications:

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

Electrical

Frequency:	1~2GHz
Insertion Loss:	0.3dB max. (SMA) 0.35dB max. (N)
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:	30W max. 2W max. as combiner

Outline Drawings



Outline A

Outline B

Mechanical

Mounting:	4-Φ2.7mm through-hole (SMA)
Mounting:	4-Φ2.8mm through-hole (N)

Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

Environmental

Operation Temperature: -45~+85°C

How To Order

NPD2-1000-2000-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, 1~2GHz, 30W, N female, specify NPD2-1000-2000-30-N.

Customization is available upon request.