



2-Way Power Dividers/Combiners

NPD2-500-18000

2-Way, 0.5~18GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0.5~18GHz
Insertion Loss:	1.2dB max. (SMA) 1.5dB max. (N)
Input VSWR:	1.6 max.
Output VSWR:	1.5 max.
Isolation:	16dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 5^\circ$
Impedance:	50 Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

Mounting:	4- Φ 2.3mm through-hole (SMA) 4- Φ 3.2mm through-hole (N)
-----------	--

Environmental

Operation Temperature:	-45~+85°C
------------------------	-----------

How To Order

NPD2-500-18000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

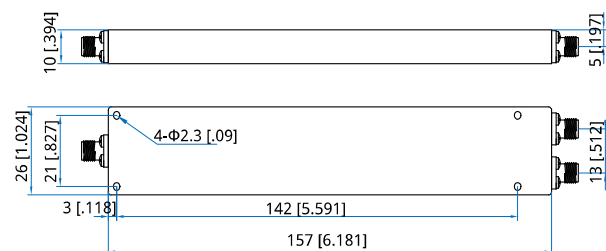
N - N Female (Outline B)

Examples:

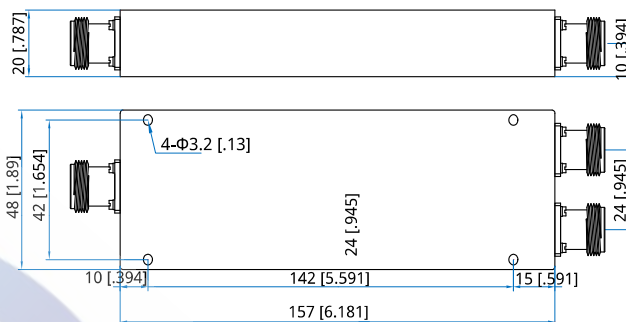
To order a 2-way power divider, 0.5~8GHz, 20W, N female, specify NPD2-500-18000-20-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

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