

## NPD3-2000-8000

3-Way, 2~8GHz

**Features:**

- \* Small Size
- \* Low Insertion Loss

**Applications:**

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

**Electrical**

Frequency:	2~8GHz
Insertion Loss:	1.0dB max. (SMA) 1.2dB max. (N)
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.5dB max. (SMA) ±0.5dB (N)
Phase Balance:	±5° (SMA) ±6° (N)
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

**Mechanical**

Mounting:	4-Φ2.8mm through-hole (SMA) 4-Φ3.2mm through-hole (N)
-----------	--

**Environmental**

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

**How To Order**

**NPD3-2000-8000-X-Y**

X: Average power as divider

Y: Connector type

**Connector naming rules:**

S - SMA Female (Outline A)

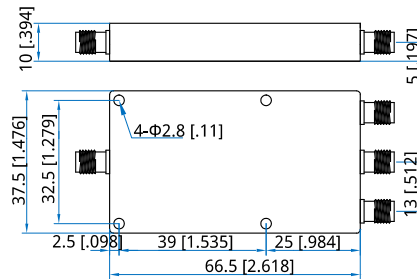
N - N Female (Outline B)

**Examples:**

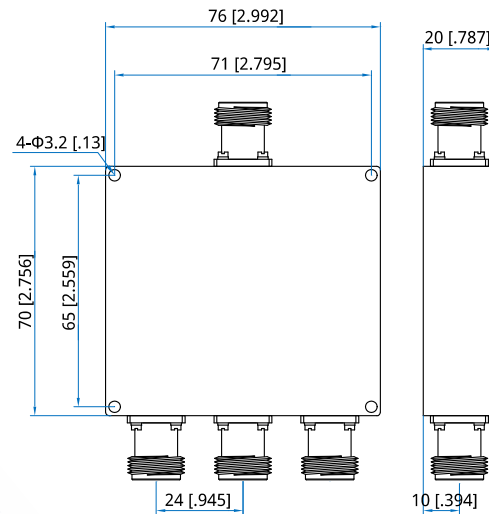
To order a 3-way power divider, 2~8GHz, 20W, N female, specify NPD3-2000-8000-20-N.

Customization is available upon request.

**Outline Drawings**



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]