

## QPD8-500-8000

### 8-Way, 0.5~8GHz

Features:  
 \* Small Size  
 \* Low Insertion Loss

Applications:  
 \* Amplifiers  
 \* Mixers  
 \* Antennas  
 \* Laboratory Test

#### Electrical

Frequency:	0.5~8GHz
Insertion Loss:	3.0dB max. (SMA) 4.0dB max. (N)
Input VSWR:	1.5 max.
Output VSWR:	1.4 max. (SMA) 1.25 max. (N)
Isolation:	18dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	±5°
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

#### Mechanical

Mounting:	4-Φ2.8mm through-hole (SMA) 6-Φ4.2mm through-hole (N)
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#### Environmental

Operation Temperature: -45~+85°C

#### How To Order

**QPD8-500-8000-X-Y**

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

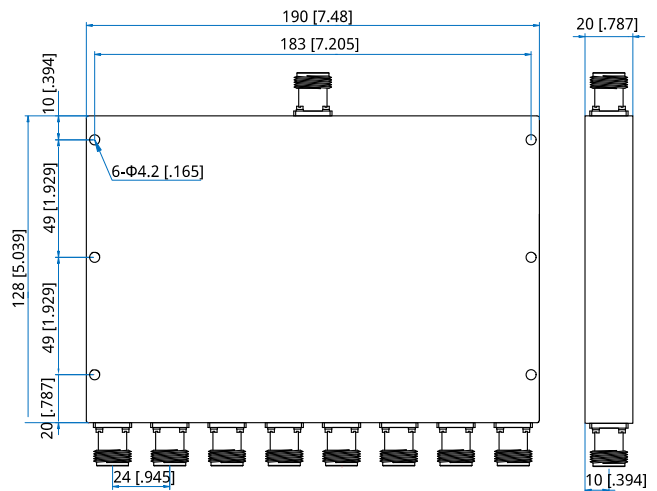
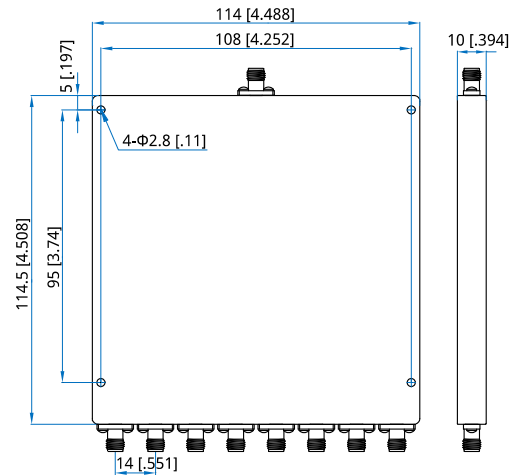
N - N Female (Outline B)

Examples:

To order a 8-way power divider, 0.5~8GHz, 30W, N female, specify QPD8-500-8000-30-N.

Customization is available upon request.

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]