

## QPD8-500-3000

### 8-Way, 0.5~3GHz

Features:  
 \* Small Size  
 \* Low Insertion Loss

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

#### Electrical

Frequency:	0.5~3GHz
Insertion Loss:	1.5dB max. (SMA) 1.8dB max. (N)
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.4dB max. (SMA) ±0.3dB (N)
Phase Balance:	±4°
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

#### Mechanical

Mounting:	4-Φ3.2mm through-hole (SMA) 4-Φ4.2mm through-hole (N)
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#### Environmental

Operation Temperature:	-35~+75°C
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#### How To Order

**QPD8-500-3000-X-Y**

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

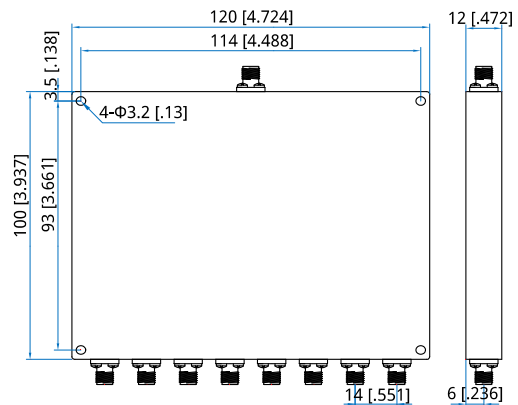
N - N Female (Outline B)

Examples:

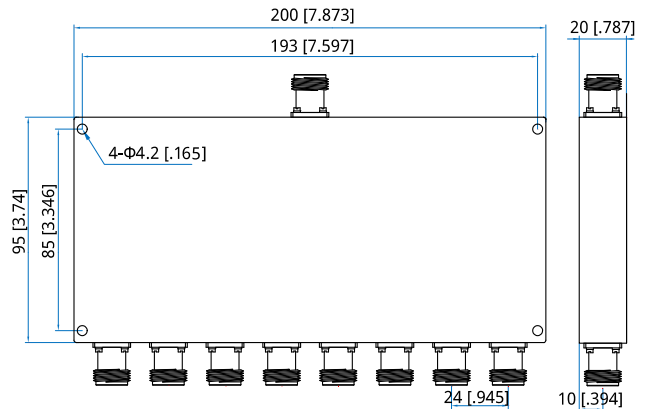
To order a 8-way power divider, 0.5~3GHz, 30W, N female, specify QPD8-500-3000-30-N.

Customization is available upon request.

#### Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]