

# QPD2-50-500

## 2-Way, 0.05~0.5GHz

Features:  
 \* Small Size  
 \* Low Insertion Loss

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

### Electrical

Frequency:	0.05~0.5GHz
Insertion Loss:	0.6dB max. (SMA) 1dB max. (N)
Input VSWR:	1.3 max. (SMA) 1.25 max. (N)
Output VSWR:	1.3 max. (SMA) 1.25 max. (N)
Isolation:	18dB min. (SMA) 20dB min. (N)
Amplitude Balance:	0.3dB max.
Phase Balance:	±3°
Impedance:	50Ω
Average Power:	1W max. 0.5W max. as combiner

### Mechanical

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

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

**QPD2-50-500-X-Y**

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

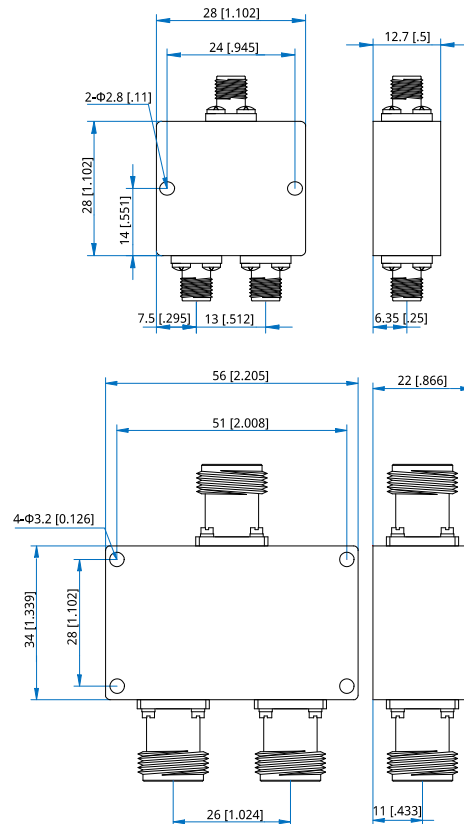
N - N Female (Outline B)

Examples:

To order a 2-way power divider, 0.05~0.5GHz, 1W, N female, specify QPD2-50-500-1-N.

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]