

# QPD4-400-8000-30

4-Way, 0.4~8GHz

**Features:**

- \* Small Size
- \* Low Insertion Loss

**Applications:**

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

**Electrical**

Frequency:	0.4~8GHz
Insertion Loss:	2dB max. 3.6dB max. (N)
Input VSWR:	1.3 max. 1.4 max. (N)
Output VSWR:	1.2 max. 1.3 max. (N)
Isolation:	18dB min.
Amplitude Balance:	±0.4dB 0.3dB max. (N)
Phase Balance:	±4°
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 1W max. as combiner (SMA) 2W max. as combiner (N)

**Mechanical**

RF Connectors:	SMA Female, N Female
Mounting:	4-Φ3.2mm through-hole

**Environmental**

Operation Temperature:	-40~+75°C (SMA) -35~+75°C (N)
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**How To Order**

**QPD4-400-8000-30-Y**

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

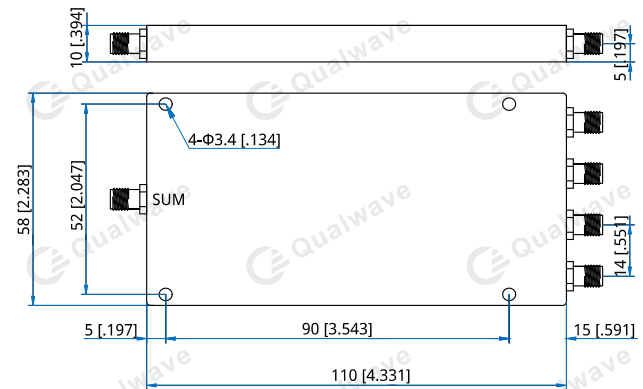
N - N Female (Outline B)

Examples:

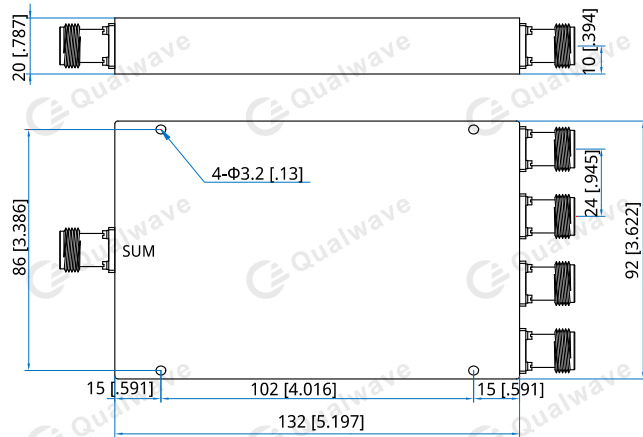
To order a 4-way power divider, 0.4~8GHz, 30W, N female, specify QPD4-400-8000-30-N.

Customization is available upon request.

**Outline Drawings**



Outline A



Outline B

Unit: mm [in]  
Tolerance: ±0.5mm [±0.02in]