

## QPD8-0-8000-2

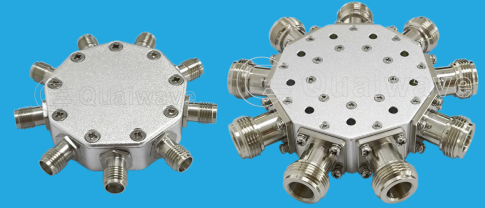
8-Way, DC~8GHz, 2W

### Features:

- \* Small Size
- \* Low Insertion Loss

### Applications:

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



### Electrical

Frequency:	DC~8GHz
Insertion Loss <sup>*1</sup> :	±1dB typ. (SMA) ±2dB typ. (N)
VSWR:	1.3 max. (SMA) 1.9 max. (N)
Isolation:	16dB min.
Amplitude Balance:	±5dB
Phase Balance:	±90°
Impedance:	50Ω
Average Power:	2W as divider

[1] Excluding theoretical loss 18dB.

### Mechanical

Connectors <sup>*2</sup> :	SMA Female N Female
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[2] Female connectors can be replaced with male connectors on request.

### Environmental

Operation Temperature:	-35~+75°C
Non-operating Temperature:	-45~+85°C

### How To Order

**QPD8-0-8000-2-Y**

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

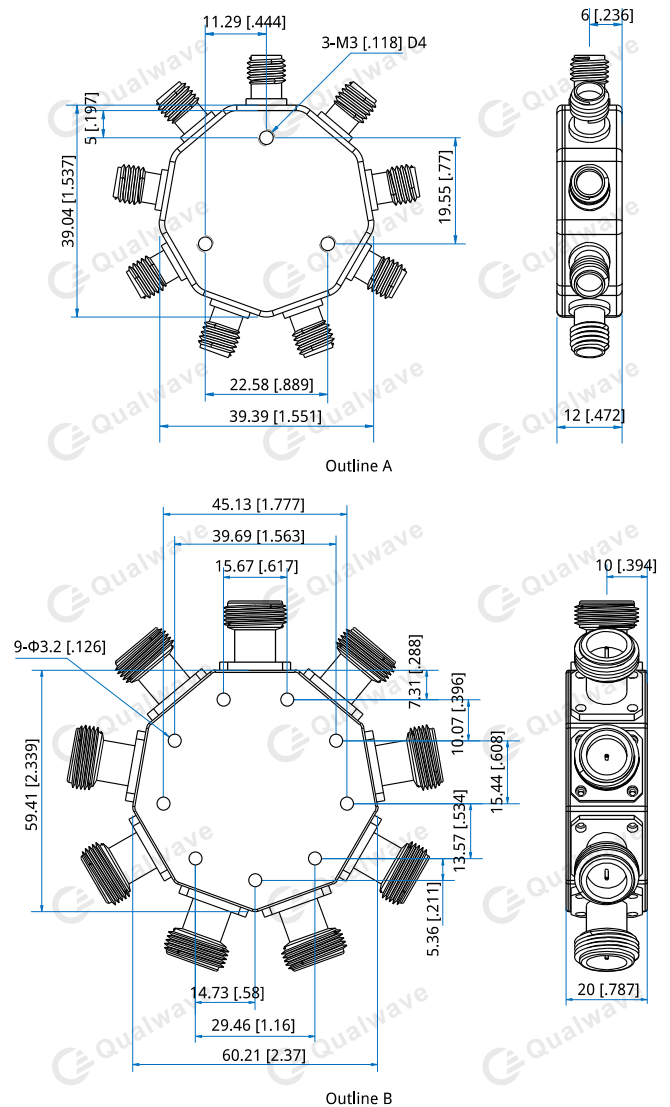
N - N Female (Outline B)

Examples:

To order a 2-way power divider, DC~8GHz, 2W, SMA female, specify QPD2-0-8000-2-S.

Customization is available upon request.

### Outline Drawings

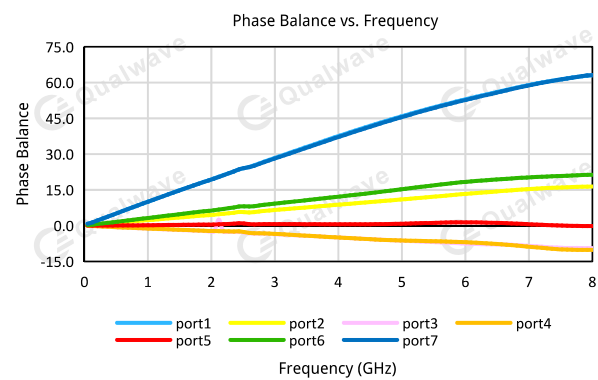
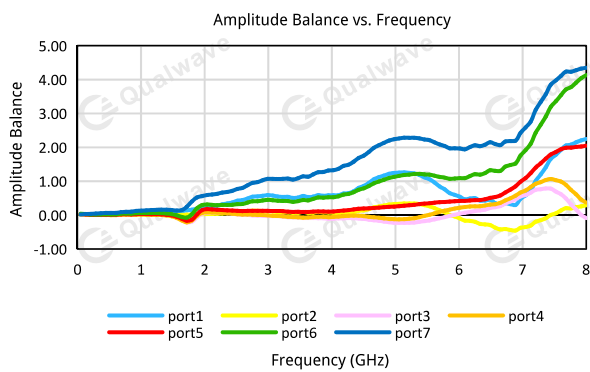
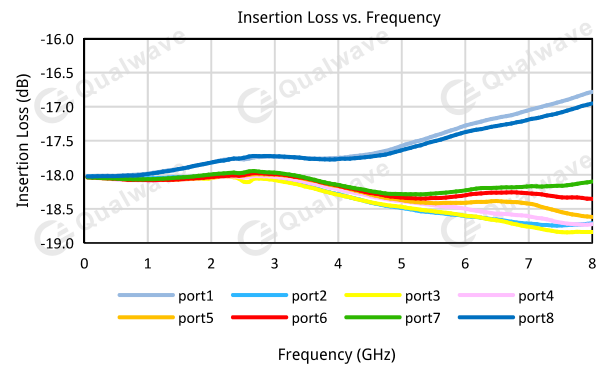
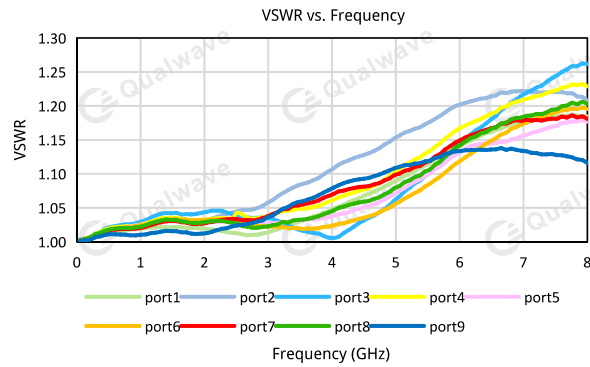


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

## Typical Performance Curves

SMA



N

