

## QPD4-400-6000-30

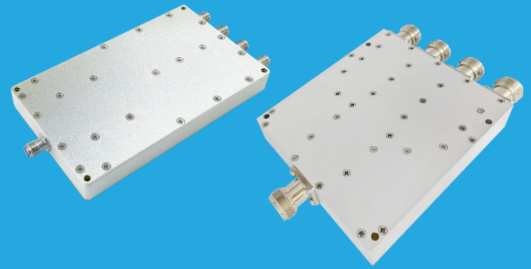
4-Way, 0.4~6GHz

### Features:

- \* Small Size
- \* Low Insertion Loss

### Applications:

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



### Electrical

Frequency:	0.4~6GHz
Insertion Loss:	2dB max.
Input VSWR:	1.35 max.
Output VSWR:	1.25 max.
Isolation:	20dB min.
Amplitude Balance:	±0.3dB max.
Phase Balance:	±5°
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

### Mechanical

Connectors <sup>*1</sup> :	SMA Female
	N Female
	TNC Female
	SMP Male

[1] Female connectors can be replaced with male connectors on request.

### Environmental

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

### How To Order

**QPD4-400-6000-30-Y**

Y: Connector type

### Connector naming rules:

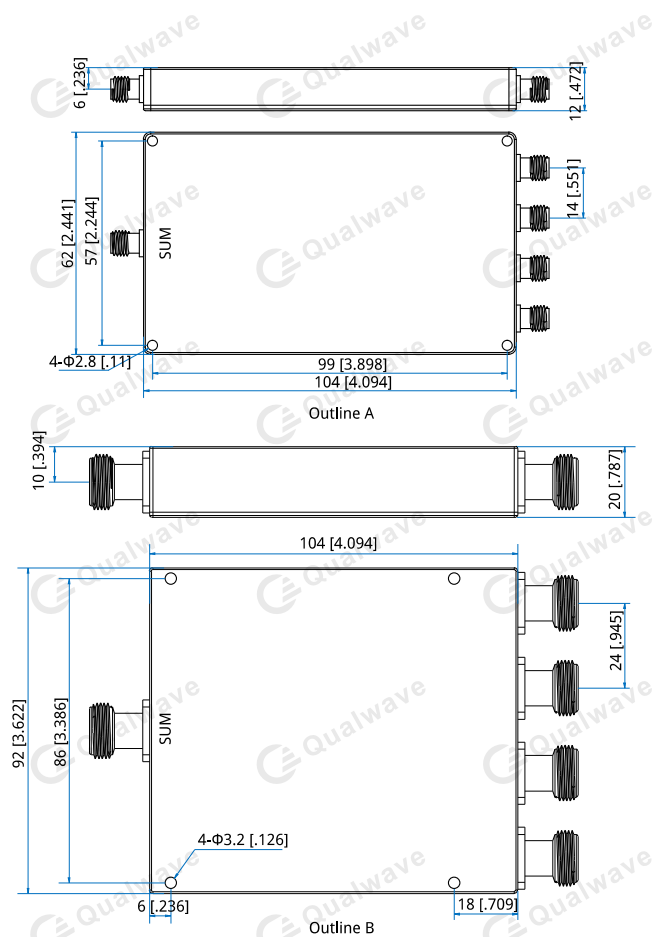
- S - SMA Female (Outline A)
- N - N Female (Outline B)
- T - TNC Female
- P - SMP Male

### Examples:

To order a 4-way power divider, 0.4~6GHz, 30W, N female, specify QPD4-400-6000-30-N.

Customization is available upon request.

### Outline Drawings

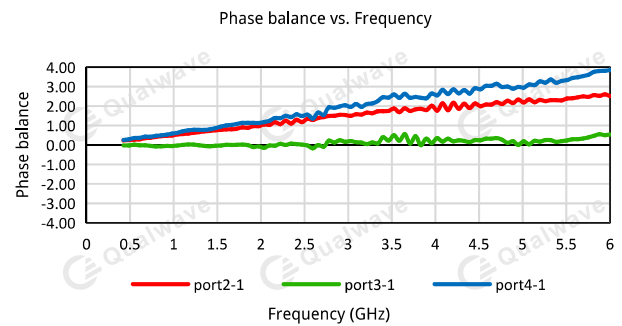
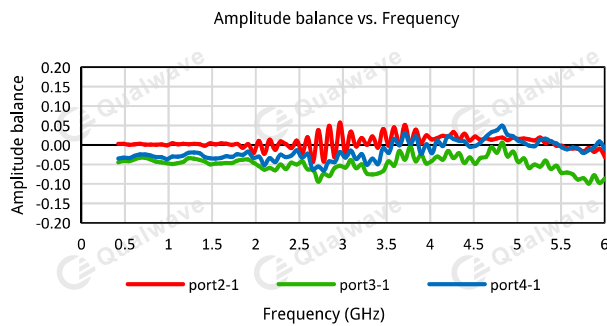
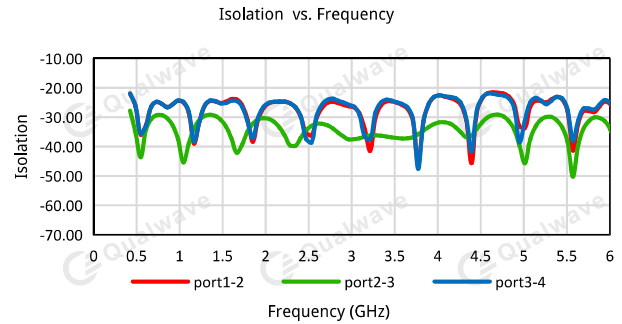
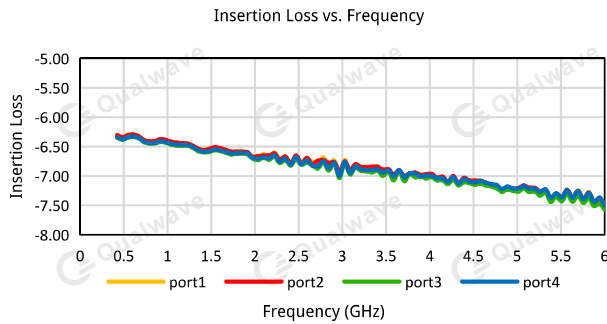
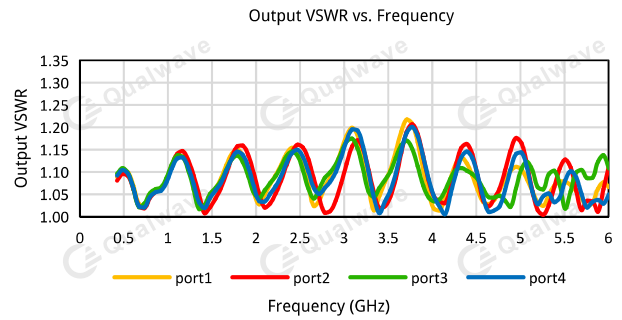
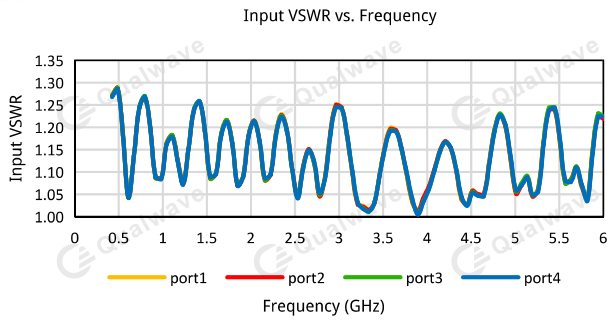


Unit: mm [in]

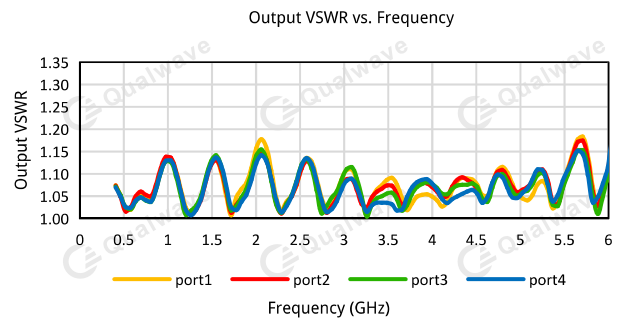
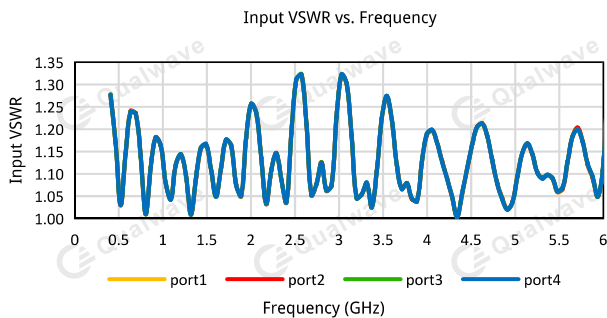
Tolerance: ±0.5mm [±0.02in]

## Typical Performance Curves

### SMA

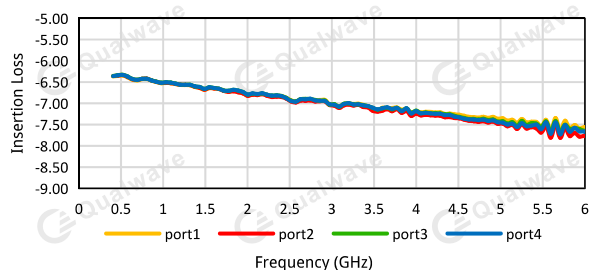


### N

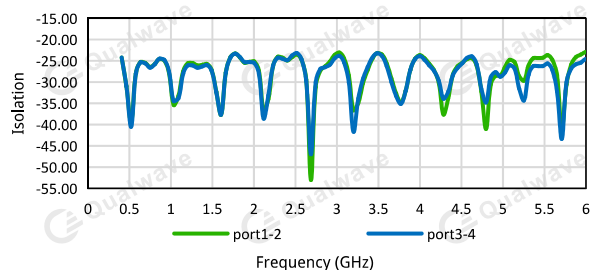


## 4-Way Power Dividers/Combiners

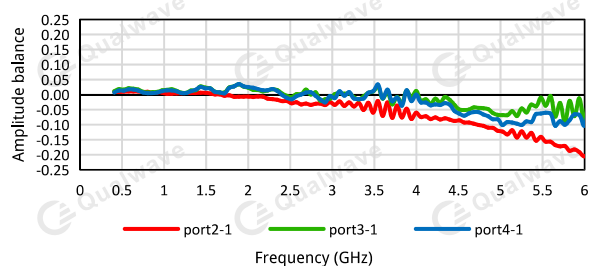
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude balance vs. Frequency



Phase balance vs. Frequency

