

### QPD2-400-4000-30-S

#### 2-Way, 0.4~4GHz

##### Features:

- \* Small Size
- \* Low Insertion Loss

##### Applications:

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



#### Electrical

Frequency:	0.4~4GHz
Insertion Loss <sup>*1</sup> :	0.8dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.2dB
Phase Balance:	±2°
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

[1] Excluding theoretical loss 3.0dB.

#### Mechanical

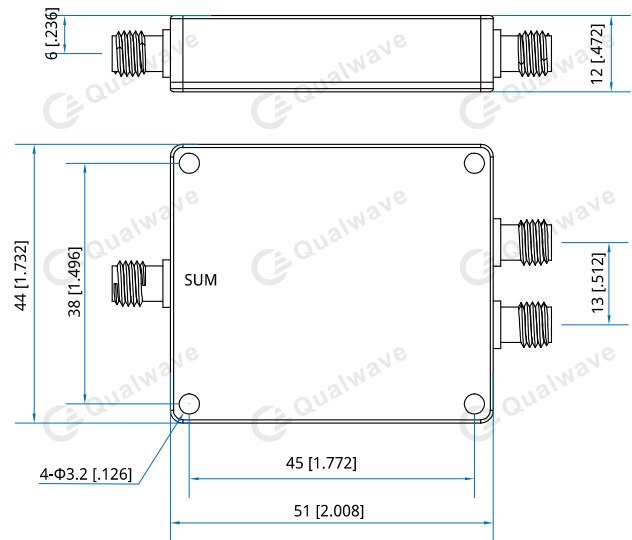
Size <sup>*2</sup> :	51*44*12mm 2.008*1.732*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[2] Exclude connectors.

#### Environmental

Operation Temperature:	-35~+75°C
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#### Outline Drawings



Unit: mm [in]

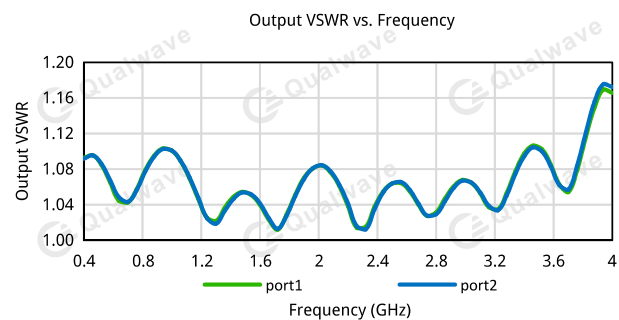
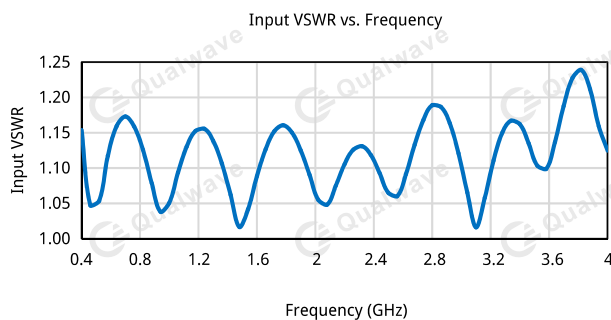
Tolerance: ±0.5mm [±0.02in]

#### How To Order

**QPD2-400-4000-30-S**

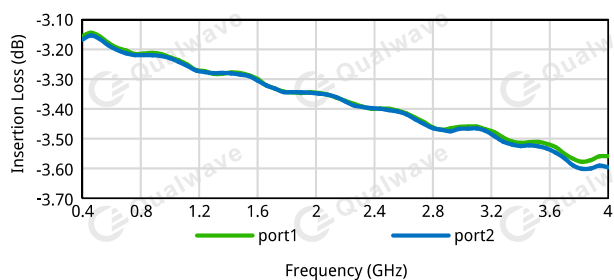
Customization is available upon request.

#### Typical Performance Curves

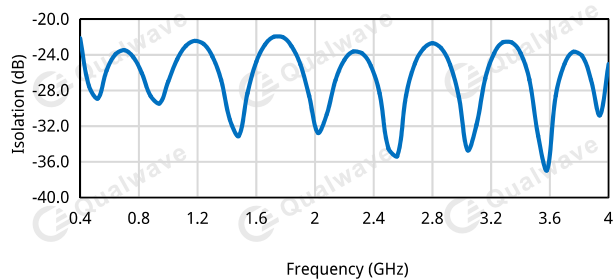


## 2-Way Power Divider/Combiner

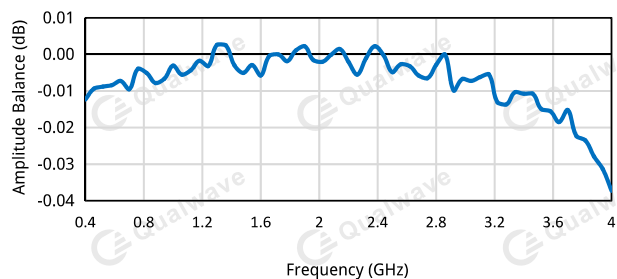
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

