

QPD2-1000-2000-K5-N

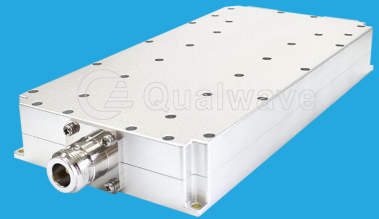
2-Way, 1~2GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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



Electrical

Frequency:	1~2GHz
Insertion Loss ^{*1} :	0.1dB max.
VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.1dB typ.
Phase Balance:	±1° typ.
Impedance:	50Ω
Power @SUM Port:	500W max. as divider 500W max. as combiner

[1] Excluding theoretical loss 3dB.

Mechanical

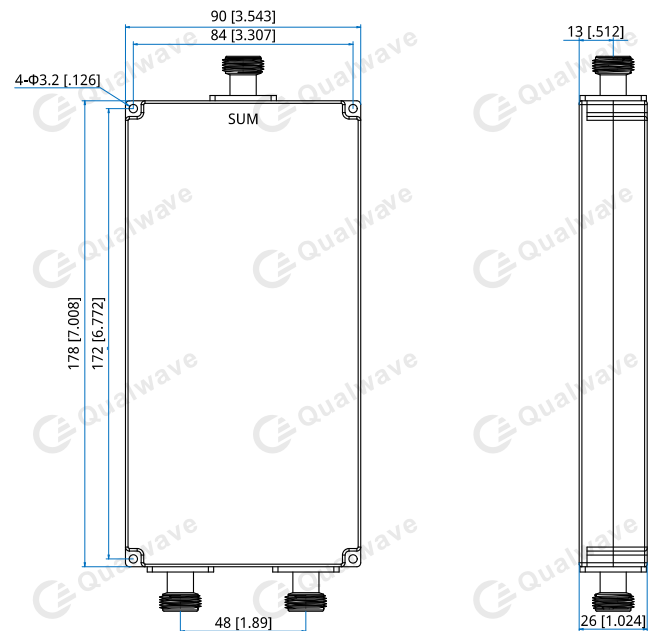
Size ^{*2} :	178*90*26mm 7.008*3.543*1.024in
Connectors:	N Female
Mounting:	4-Φ3.2mm through-hole

[2] Exclude connectors.

Environmental

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+125°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

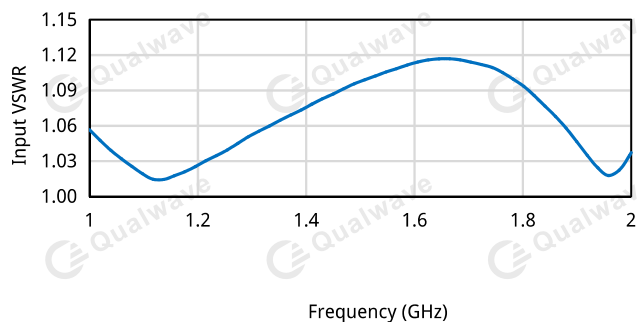
How To Order

QPD2-1000-2000-K5-N

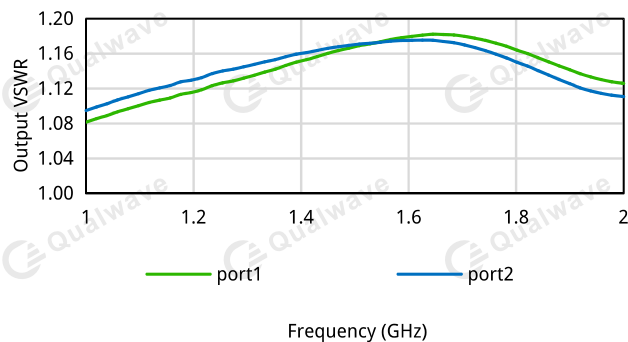
Customization is available upon request.

Typical Performance Curves

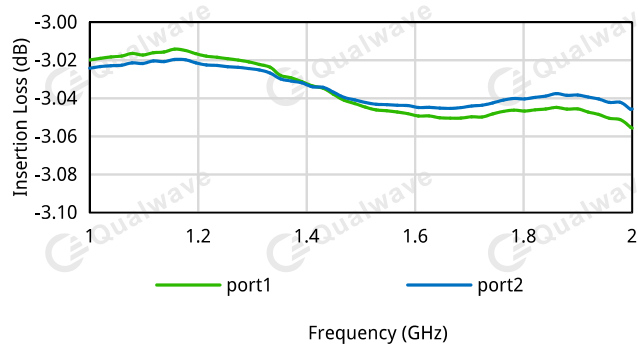
Input VSWR vs. Frequency



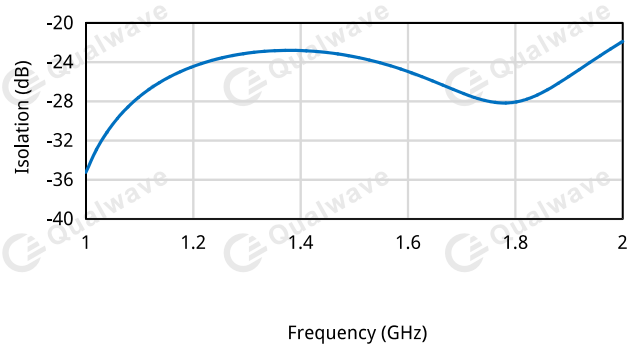
Output VSWR vs. Frequency



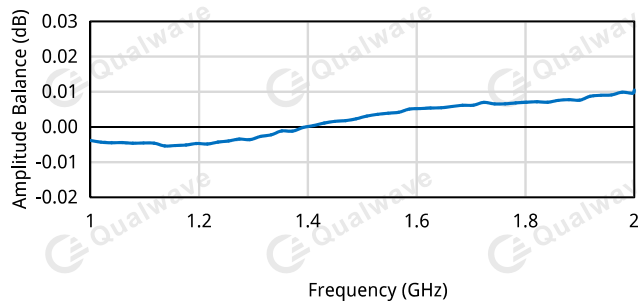
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

