

QPD4-400-2000-30

4-Way, 0.4~2GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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



Electrical

Frequency:	0.4~2GHz
Insertion Loss*1:	1.0dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	23dB min.
Amplitude Balance:	±0.2dB typ.
Phase Balance:	±2° typ.
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

[1] Excluding theoretical loss 6dB.

Mechanical

Connectors:	SMA Female, N Female
Mounting:	4-Φ2.8mm through-hole

Environmental

Operation Temperature:	-35~+75°C
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How To Order

QPD4-400-2000-30-Y

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

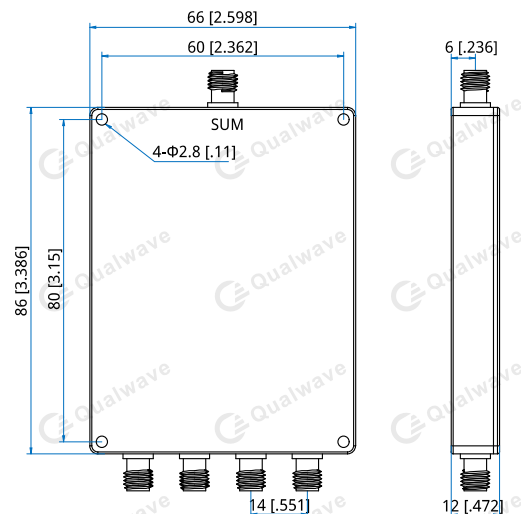
N - N Female (Outline B)

Examples:

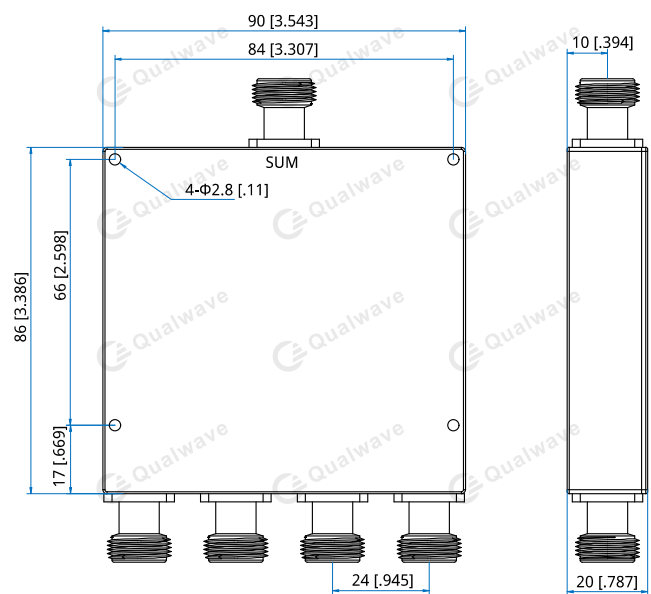
To order a 4-way power divider, 0.4~2GHz, 30W, N female, specify QPD4-400-2000-30-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

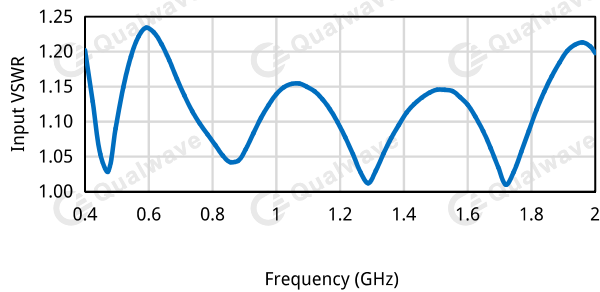
Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

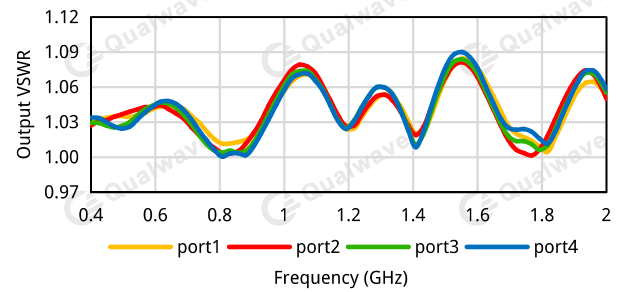
4-Way Power Divider/Combiner

Typical Performance Curves

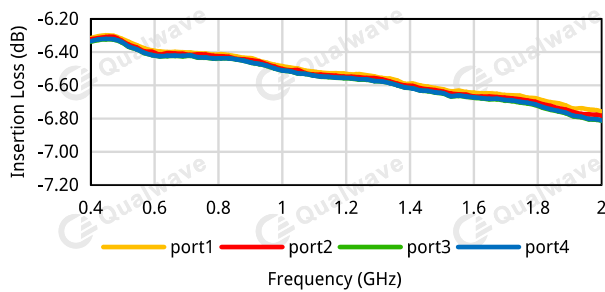
Input VSWR vs. Frequency



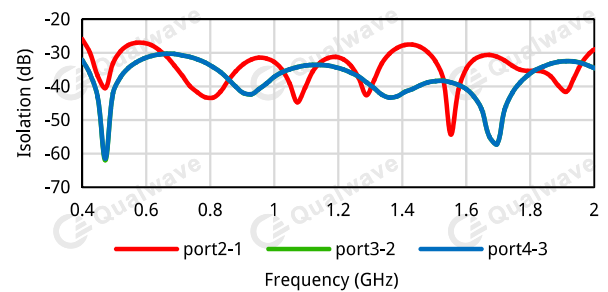
Output VSWR vs. Frequency



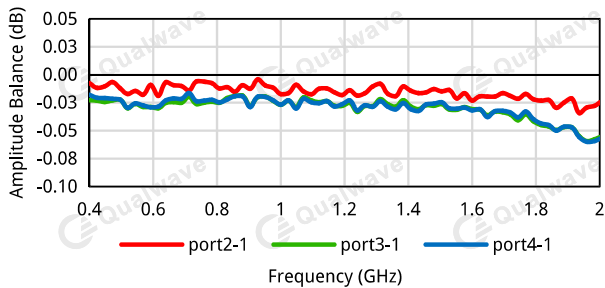
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

