

QPD2-200-2000-30

2-Way, 0.2~2GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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



Electrical

Frequency:	0.2~2GHz
Insertion Loss:	0.8dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.2dB
Phase Balance:	±3°
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

Mechanical

Connectors:	N Female SMA Female
Mounting:	4-Φ3.2mm through-hole

Environmental

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

How To Order

QPD2-200-2000-30-Y

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

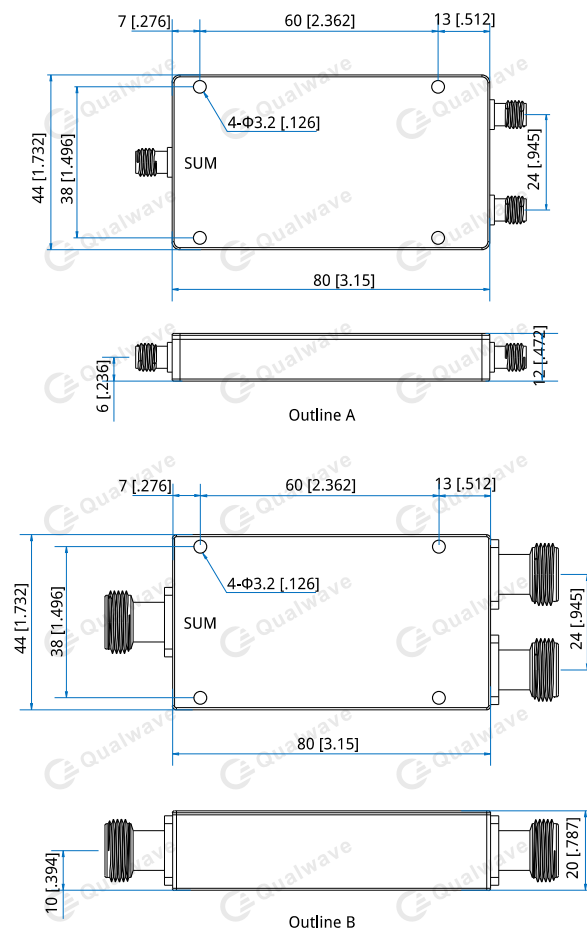
N - N Female (Outline B)

Examples:

To order a 2-way power divider, 0.2~2GHz, 30W, SMA female, specify QPD2-200-2000-30-S.

Customization is available upon request.

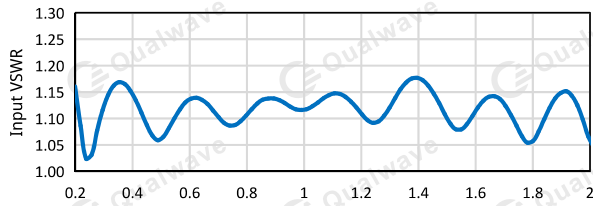
Outline Drawings



Typical Performance Curves

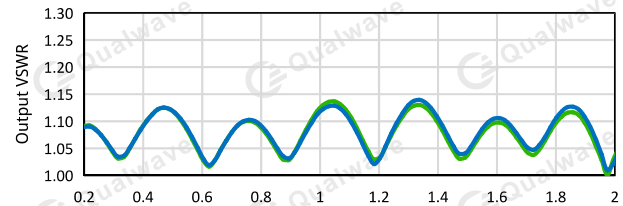
SMA

Input VSWR vs. Frequency



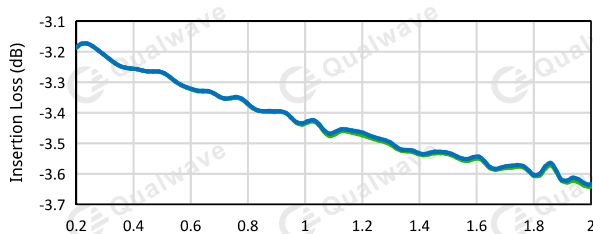
Frequency (GHz)

Output VSWR vs. Frequency



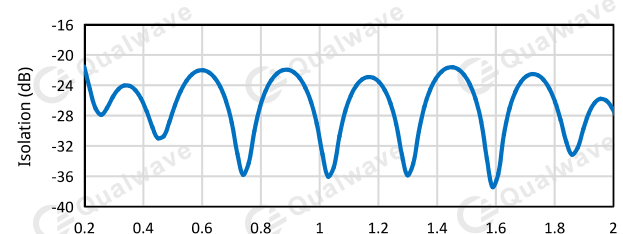
port1 port2
Frequency (GHz)

Insertion Loss vs. Frequency



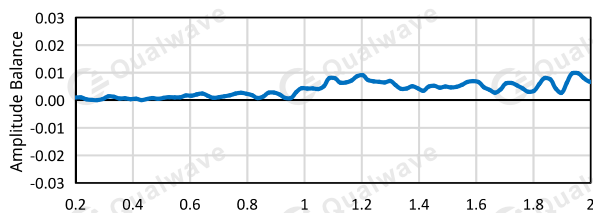
port1 port2
Frequency (GHz)

Isolation vs. Frequency



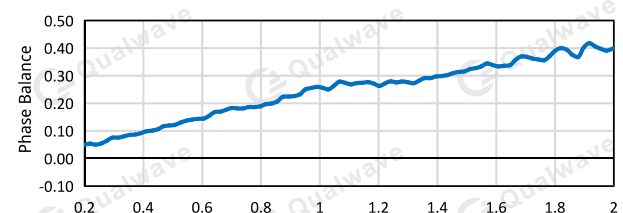
Port1-2
Frequency (GHz)

Amplitude Balance vs. Frequency



port2-1
Frequency (GHz)

Phase Balance vs. Frequency



port2-1
Frequency (GHz)