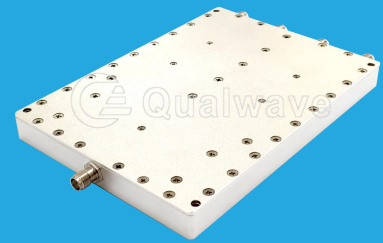


QPD4-200-2000-30

4-Way, 0.2~2GHz

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test



Electrical

| | |
|--------------------|--|
| Frequency: | 0.2~2GHz |
| Insertion Loss*1: | 1.6dB max. |
| Input VSWR: | 1.3 max. |
| Output VSWR: | 1.2 max. |
| Isolation: | 20dB min. |
| Amplitude Balance: | ±0.3dB |
| Phase Balance: | ±3° |
| Impedance: | 50Ω |
| Power @SUM Port: | 30W max. as divider 2W max. as combiner |

[1] Excluding theoretical loss 6.0dB.

Mechanical

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

Environmental

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

How To Order

QPD4-200-2000-30-Y

Y: Connector type

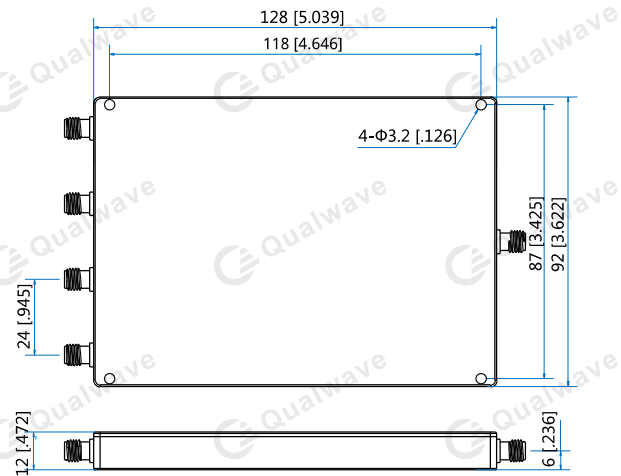
Connector naming rules:
 S - SMA Female (Outline A)
 N - N Female (Outline B)

Examples:

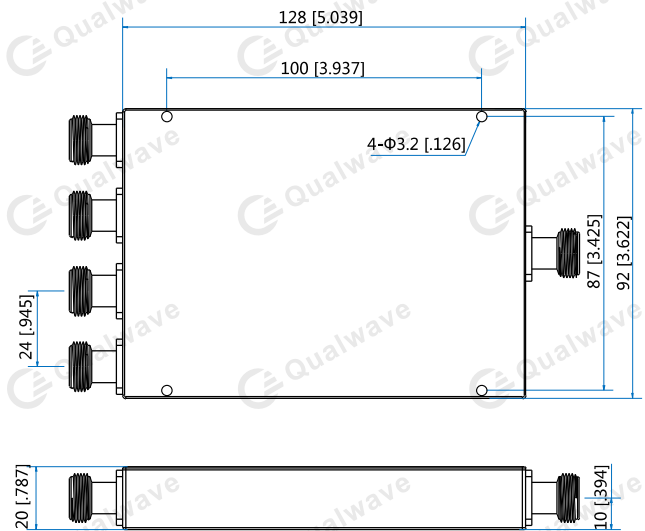
To order a 4-way power divider, 0.2~2GHz, 30W, SMA female, specify QPD4-200-2000-30-S.

Customization is available upon request.

Outline Drawings



Outline A

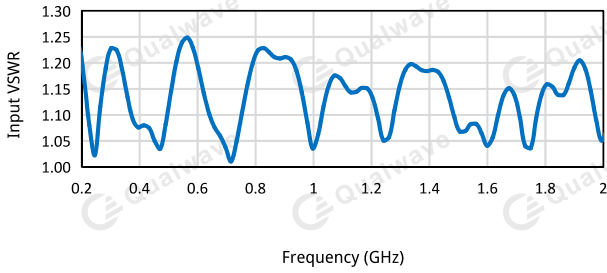


Outline B

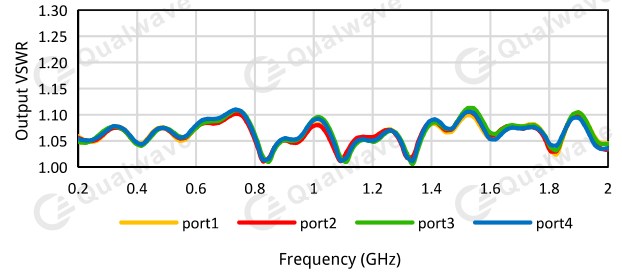
Unit: mm [in]
 Tolerance: ±0.5mm [±0.02in]

Typical Performance Curves SMA

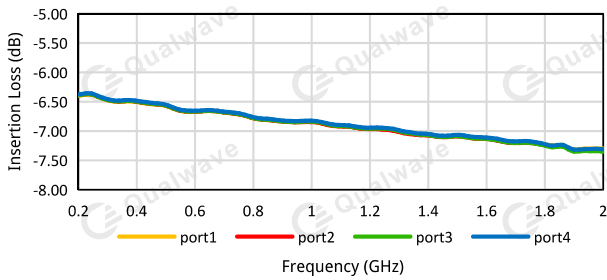
Input VSWR vs. Frequency



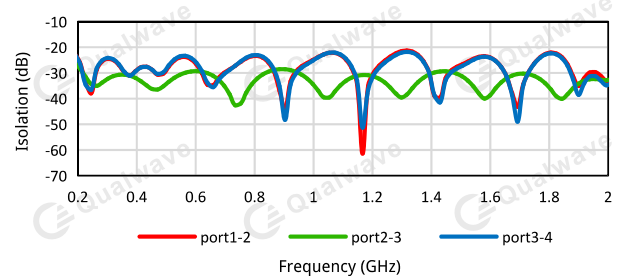
Output VSWR vs. Frequency



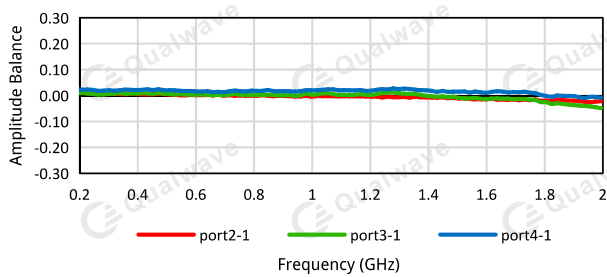
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

