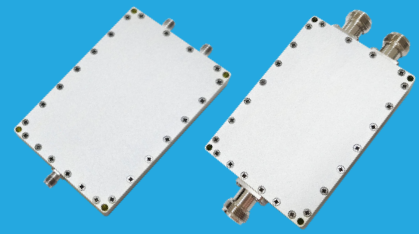


QPD2-80-2000-30

2-Way, 0.08~2GHz

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test



Electrical

| | |
|--------------------|--|
| Frequency: | 0.08~2GHz |
| Insertion Loss: | 2dB max. |
| Input VSWR: | 1.25 max. |
| Output VSWR: | 1.15 max. |
| Isolation: | 20dB min. |
| Amplitude Balance: | ±0.2dB max. |
| Phase Balance: | ±2° |
| Impedance: | 50Ω |
| Power @SUM Port: | 30W max. as divider 2W max. as combiner |

Mechanical

Connectors*1: SMA Female
 N Female
 TNC Female
 SMP Male

Mounting: 4-Φ3.2mm through-hole

[1] Female connectors can be replaced with male connectors on request.

Environmental

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

How To Order

QPD2-80-2000-30-Y

Y: Connector type

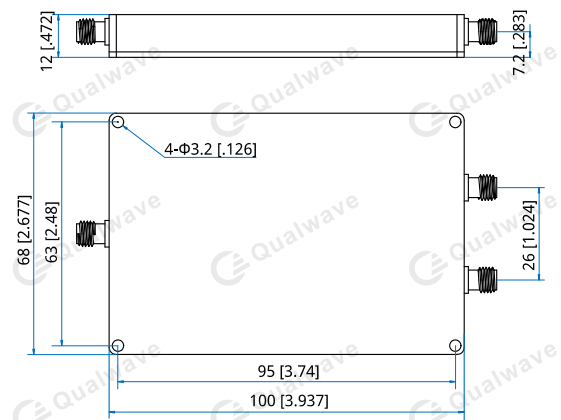
Connector naming rules:
 S - SMA Female (Outline A)
 N - N Female (Outline B)
 T - TNC Female
 P - SMP Male

Examples:

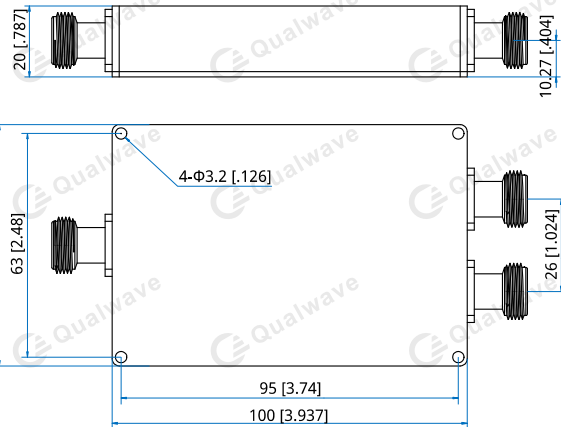
To order a 2-way power divider, 0.08~2GHz, 30W, N female, specify QPD2-80-2000-30-N.

Customization is available upon request.

Outline Drawings



Outline A

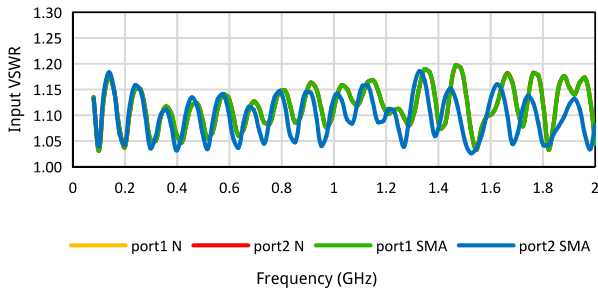


Outline B

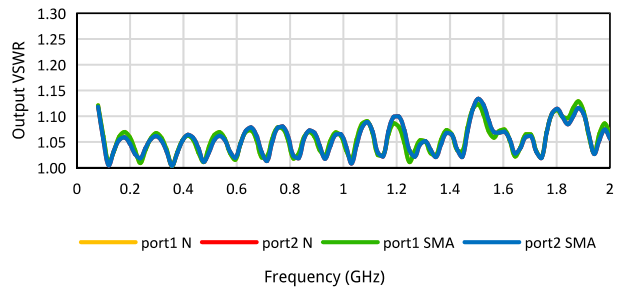
Unit: mm [in]
 Tolerance: ±0.5mm [±0.02in]

Typical Performance Curves

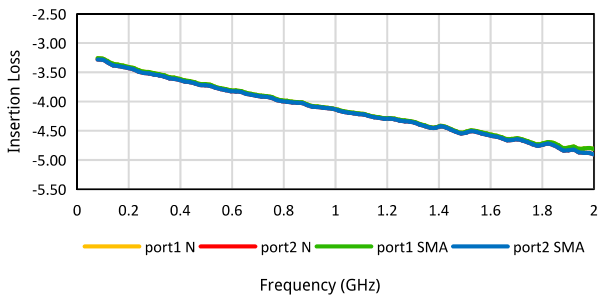
Input VSWR vs. Frequency



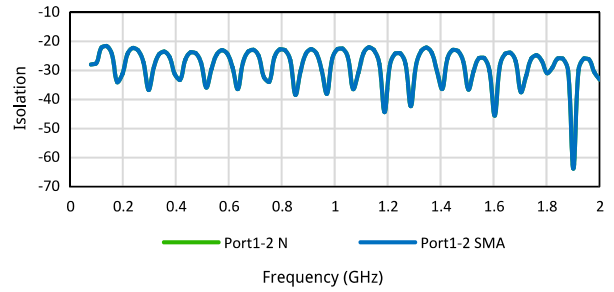
Output VSWR vs. Frequency



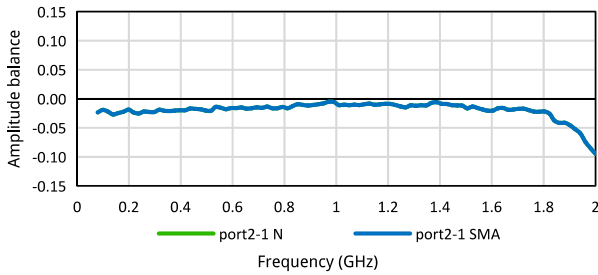
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude balance vs. Frequency



Phase balance vs. Frequency

