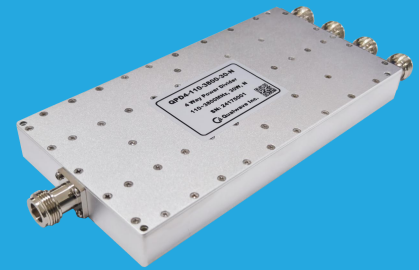


QPD4-110-3800-30

4-Way, 0.11~3.8GHz



Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test

Electrical

Frequency:	0.11~3.8GHz
Insertion Loss ^{*1} :	3.5dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	19dB min.
Amplitude Balance:	±0.2dB
Phase Balance:	±4°
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

[1] Excluding theoretical loss 6.0dB.

Mechanical

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

Environmental

Operation Temperature: -35~+75°C

How To Order

QPD4-110-3800-30-Y

Y: Connector type

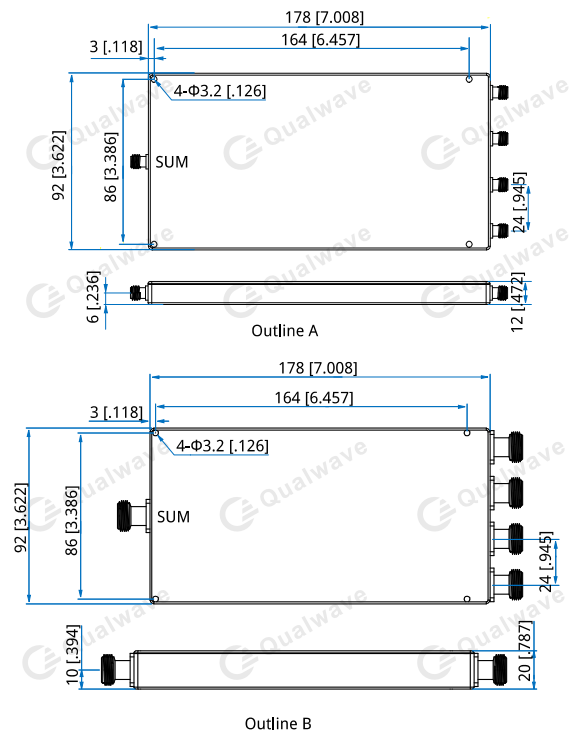
Connector naming rules:
 S - SMA Female (Outline A)
 N - N Female (Outline B)

Examples:

To order a 4-way power divider, 0.11~3.8GHz, 30W, N female, specify QPD4-110-3800-30-N.

Customization is available upon request.

Outline Drawings

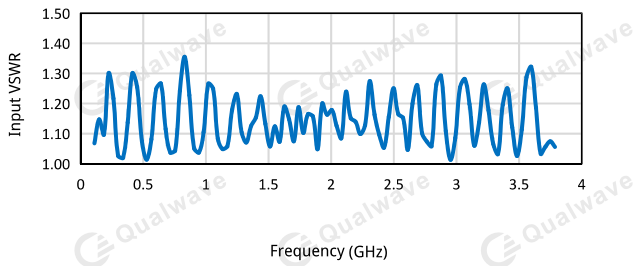


Unit: mm [in]
 Tolerance: ±0.5mm [±0.02in]

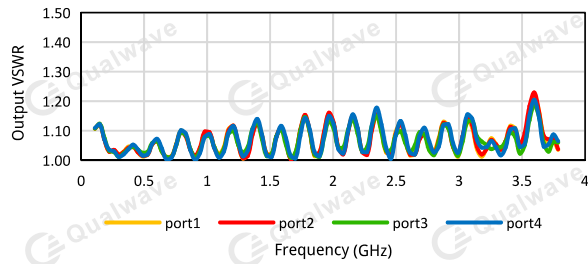
Typical Performance Curves

N

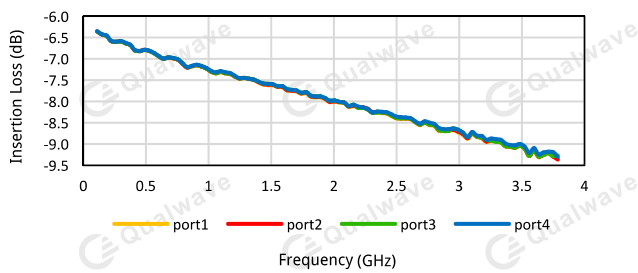
Input VSWR vs. Frequency



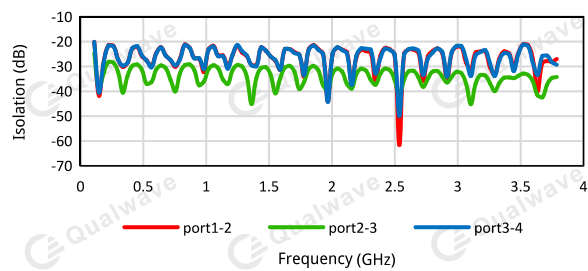
Output VSWR vs. Frequency



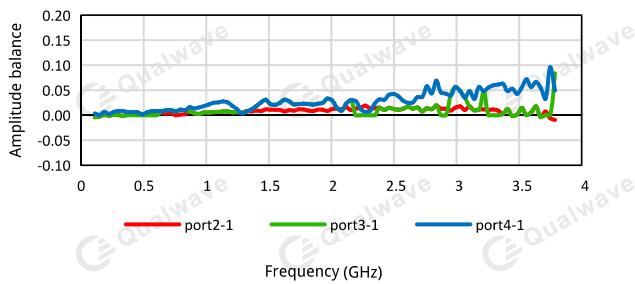
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude balance vs. Frequency



Phase balance vs. Frequency

