

QPD2-900-9000-30-S

2-Way, 0.9~9GHz

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test



Electrical

Frequency:	0.9~9GHz
Insertion Loss ^{*1} :	1dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	19dB min.
Amplitude Balance:	±0.2dB
Phase Balance:	±3°
Impedance:	50Ω
Power @SUM Port:	30W as divider 2W as combiner

[1] Excluding theoretical loss 3.0dB.

Mechanical

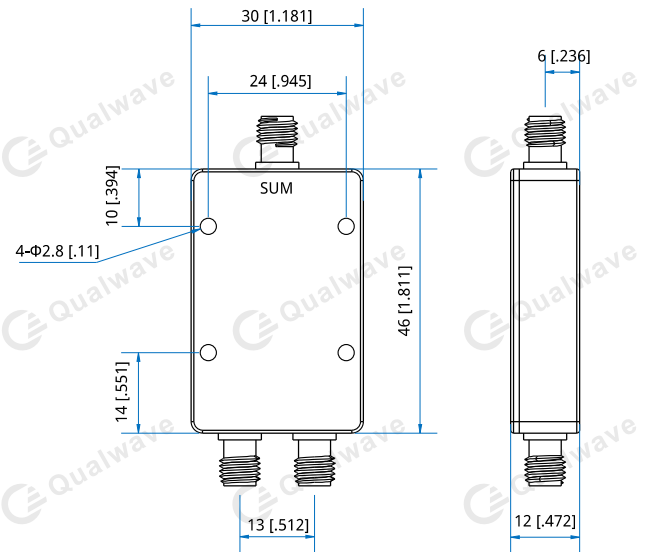
Size ^{*2} :	46*30*12mm 1.811*1.181*0.472in
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[2] Exclude connectors.

Environmental

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

Outline Drawings



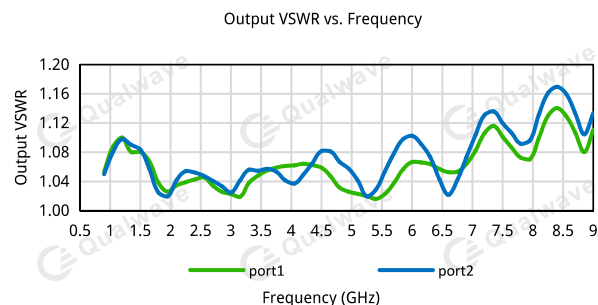
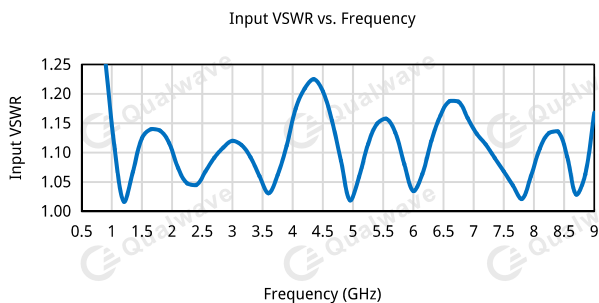
Unit: mm [in]
 Tolerance: ±0.5mm [±0.02in]

How To Order

QPD2-900-9000-30-S

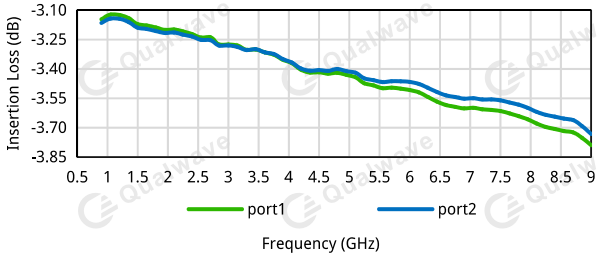
Customization is available upon request.

Typical Performance Curves

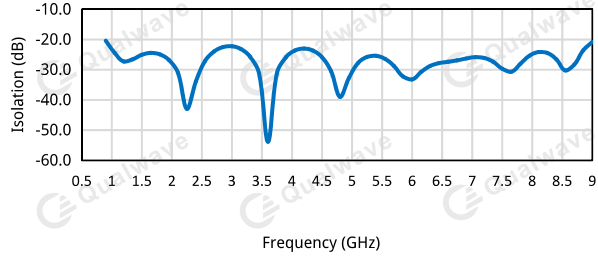


2-Way Power Divider/Combiner

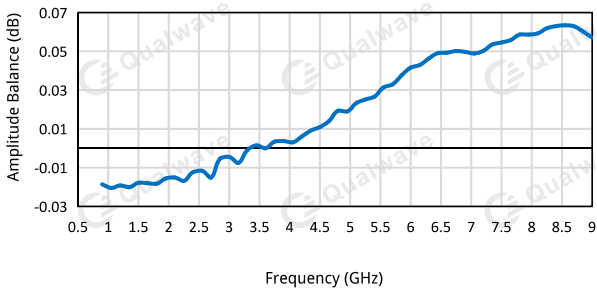
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

