

QPD2-7000-9000-30-S

2-Way, 7~9GHz

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test

Electrical

Frequency:	7~9GHz
Insertion Loss:	0.4dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.1dB max.
Phase Balance:	±2° max.
Impedance:	50Ω
Power @SUM Port:	30W max.as divider 2W max. as combiner

Mechanical

Size ^{*1} :	28*28*10mm 1.102*1.102*0.394in
Connectors ^{*2} :	SMA Female
Mounting:	3-Φ2.7mm through-hole

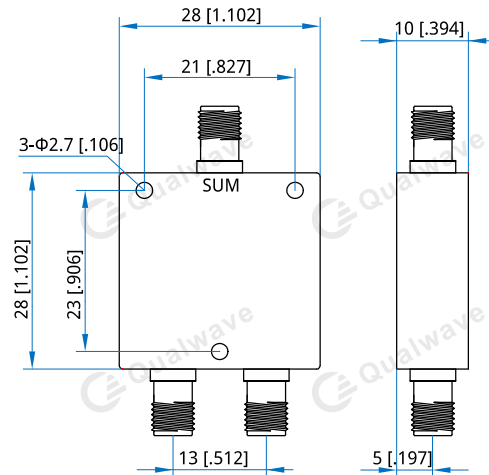
[1] Exclude connectors.

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

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

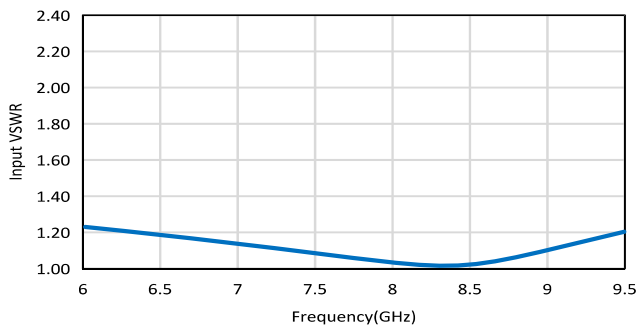
How To Order

QPD2-7000-9000-30-S

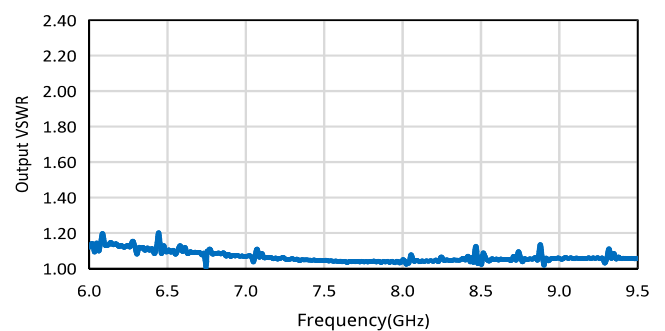
Customization is available upon request.

Typical Performance Curves

Input VSWR vs. Frequency

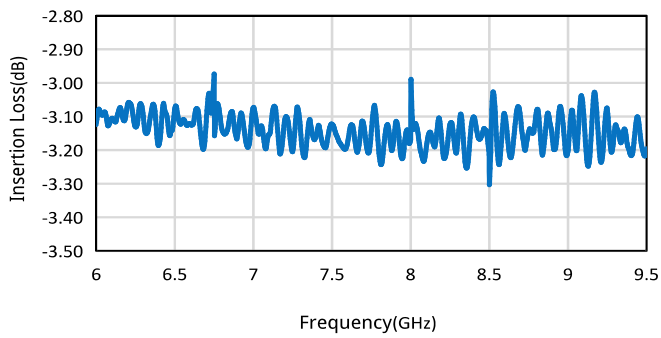


Output VSWR vs. Frequency

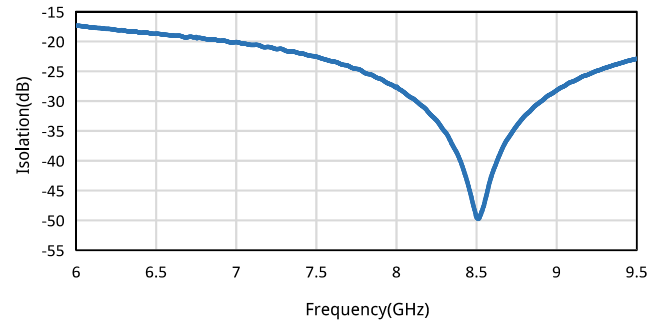


2-Way Power Divider/Combiner

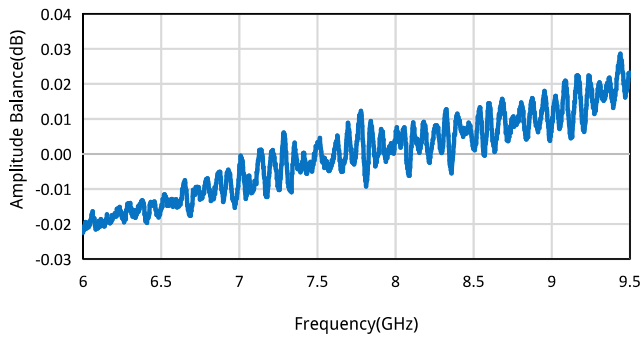
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

