

QHC9-1.6-30-K25-N

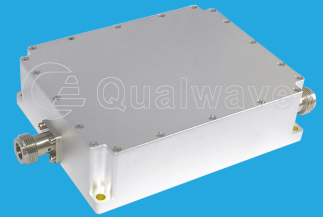
1.6~30MHz, 250W

Features:

- * Broadband
- * High Power
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Transmitter
- * Laboratory Test
- * Radar



Electrical

Frequency:	1.6~30MHz
Insertion Loss:	0.6dB max.
VSWR:	1.6 max.
Isolation:	15dB min.
Amplitude Balance:	±0.8dB
Phase Balance:	90°±5°
Average Power:	250W CW
Impedance:	50Ω

Mechanical

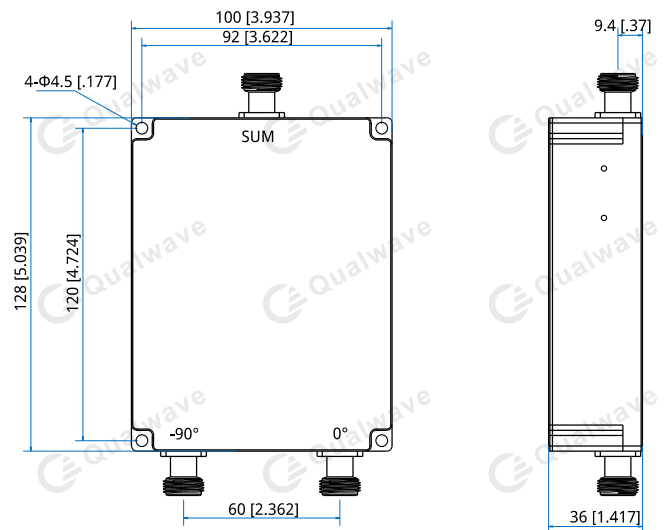
Size ^{*1} :	128*100*36mm 5.039*3.937*1.417in
RF Connectors:	N Female
Mounting:	4-Φ4.5mm through hole

[1] Exclude connectors.

Environmental

Temperature:	-40~+70°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

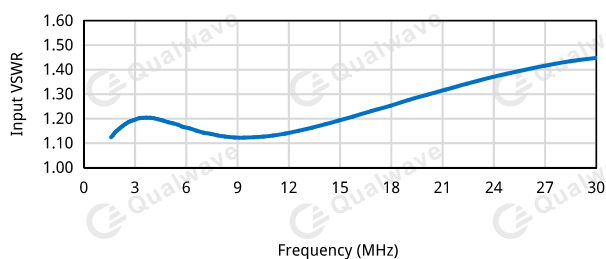
How To Order

QHC9-1.6-30-K25-N

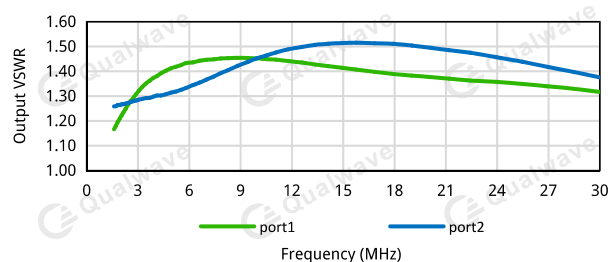
Customization is available upon request.

Typical Performance Curves

Input VSWR vs. Frequency

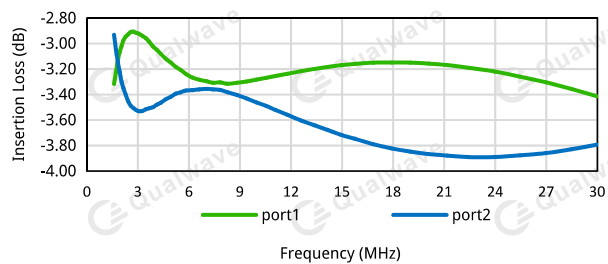


Output VSWR vs. Frequency

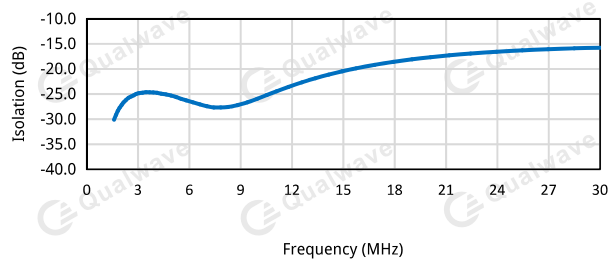


90 Degree Hybrid Coupler

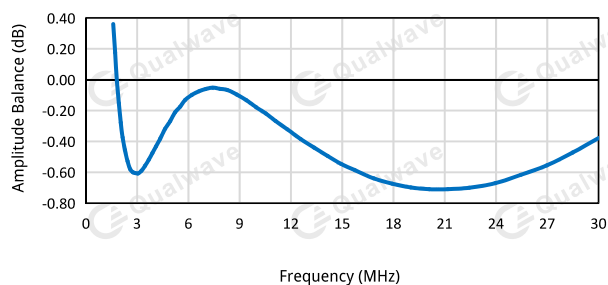
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

