

Werlatone®, Inc.

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90° Hybrid Coupler

Model QH9304

Frequency: 60 - 1000 MHz

Power: 150 W CW

Insertion Loss: 1.0 dB Max.

VSWR: 1.40:1 Max.

Isolation: 18 dB Min.

Phase Balance: $\pm 6^\circ$ Max.

Amplitude Balance: 1.0 dB Max.

Notes

- All specifications guaranteed
- Test data provided with each unit shipped
- Supplied as a Drop-In Unit or with Tabs
- Top/Bottom Surface Finish: 0.002 Electrodeposited Copper with Surface Finish Options: QH9304-Ag: Immersion Silver (RoHS)
QH9304-Au: ENIG (RoHS)
QH9304-Pb: Electrodeposited Tin/Lead

Port Configurations

J1	J2	J3	J4
Input	-3 dB, 0°	-3 dB, -90°	Isolated
-3 dB, 0°	Input	Isolated	-3 dB, -90°
-3 dB, -90°	Isolated	Input	-3 dB, 0°
Isolated	-3 dB, -90°	-3 dB, 0°	Input

