



DECADES AHEAD[®]
high power RF devices

Werlatone[®], Inc.

17 Jon Barrett Road Patterson, New York 12563
T (845) 278 2220 www.werlatone.com
F (845) 278 3440 sales@werlatone.com



90° Hybrid Coupler

Model QH9056

Frequency:	30 - 520 MHz
Power:	400 W CW
Insertion Loss:	0.8 dB Max.
VSWR:	1.30:1 Max.
Isolation:	18 dB Min.
Phase Balance:	± 6° Max.
Amplitude Balance:	1.25 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: QH9056-Ag: Immersion Silver (RoHS)
QH9056-Au: ENIG (RoHS)
QH9056-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

