



**DECADES AHEAD<sup>®</sup>**  
high power RF devices

**Werlatone<sup>®</sup>, 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 QH9497**

Frequency: 200 - 600 MHz

Power: 200 W CW

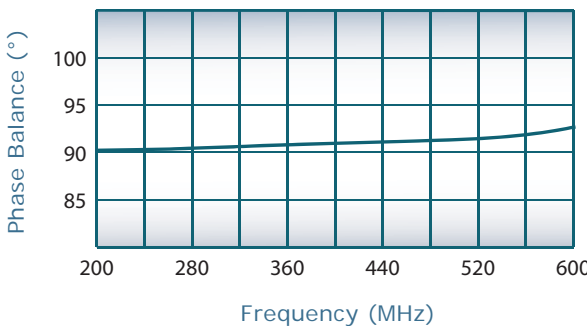
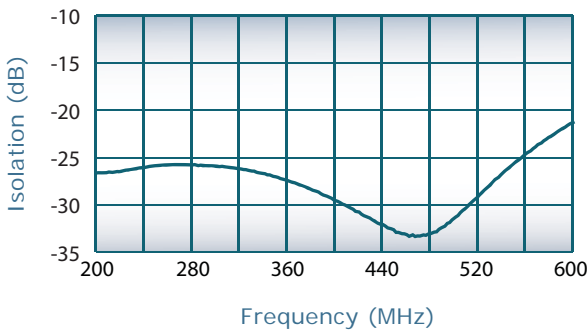
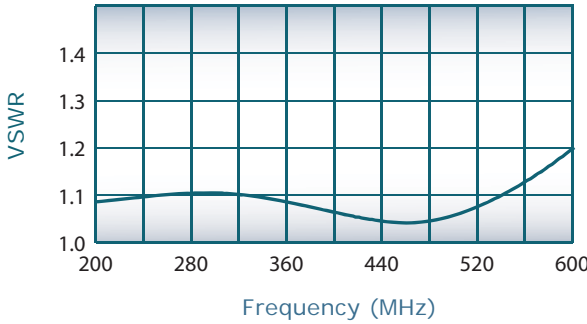
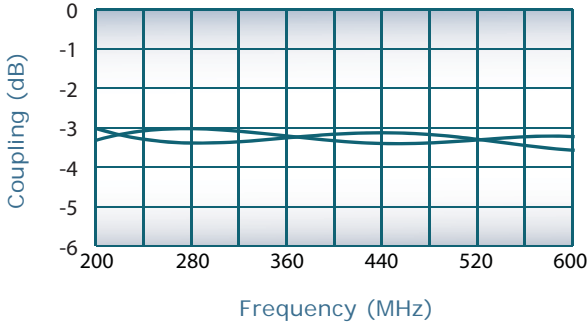
Insertion Loss: 0.4 dB Max.

VSWR: 1.30:1 Max.

Isolation: 20 dB Min.

Phase Balance: ± 5° Max.

Amplitude Balance: ± 0.35 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: QH9497-Ag: Immersion Silver (RoHS)  
QH9497-Sn: Immersion Tin (RoHS)  
QH9497-Pb: Electrodeposited Tin/Lead

**Port Configurations**

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

