



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 QH9141

Frequency: 150 - 2000 MHz

Power: 150 W CW

Insertion Loss: 0.85 dB Max.

VSWR: 1.40: 1 Max.

Isolation: 18 dB Min.

Phase Balance: $\pm 5^\circ$ Max.

Amplitude Balance: ± 1.20 dB Max. (150-200 MHz)
 ± 0.75 dB Max. (201-2000 MHz)

Notes

- All specifications guaranteed
- Test data provided with each unit shipped
- Alternate connector configurations upon request
- Operating Temperature: -55°C to $+75^\circ\text{C}$
- Weight: 8 Ounces
- Non-Connectorized version available, Model QH8922

Connector Configurations

Model	J1 (Sum Port)	J2,J3 (0°, -90°)	J4 (Diff Port)
QH9141-10	N Female	N Female	N Female
QH9141-12	N Female	SMA	N Female
QH9141-102	SMA	SMA	SMA

