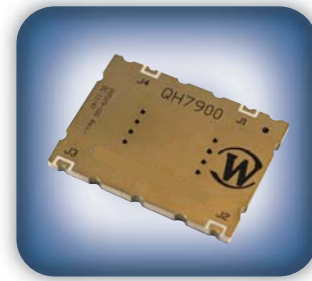




DECADES AHEAD[®]
high power RF devices

Werlatone[®], Inc.

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90° Hybrid Coupler

Model QH7900

Frequency:	450 - 2800 MHz
Power:	125 W CW
Insertion Loss:	0.55 dB Max.
VSWR:	1.35:1 Max.
Isolation:	18 dB Min.
Phase Balance:	± 5° Max.
Amplitude Balance:	0.45 dB Max.

Notes

- All specifications guaranteed
- Weight: 6 Grams
- Surface Mount Design
- Ports (4X) are Ø.080 Plated Castellations (4X)
- Surface Finish Options: QH7900-Ag: Immersion Silver (RoHS)
QH7900-Au: ENIG (RoHS)
QH7900-Pb: Electrodeposited Tin/Lead

Port Configurations

J1	J2	J3	J4
Sum (Σ)	-3 dB $\angle \theta$	-3 dB $\angle \theta$	-90° Isolated (Δ)
-3 dB $\angle \theta$	Sum (Σ)	Isolated (Δ)	-3 dB $\angle \theta$ -90°
-3 dB $\angle \theta$ -90°	Isolated (Δ)	Sum (Σ)	-3 dB $\angle \theta$
Isolated (Δ)	-3 dB $\angle \theta$ -90°	-3 dB $\angle \theta$	Sum (Σ)

