



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

**Werlatone<sup>®</sup>, Inc.**

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**90° Hybrid Coupler**

**Model QH7816**

Frequency: 100 - 512 MHz

Power: 200 W CW

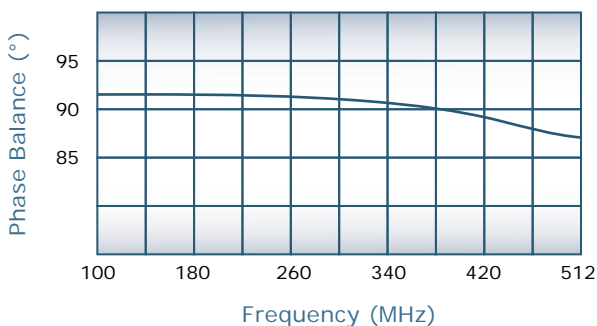
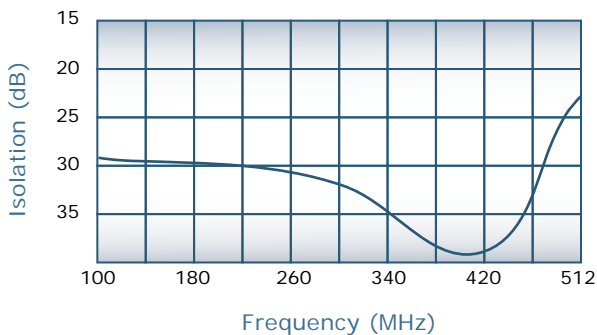
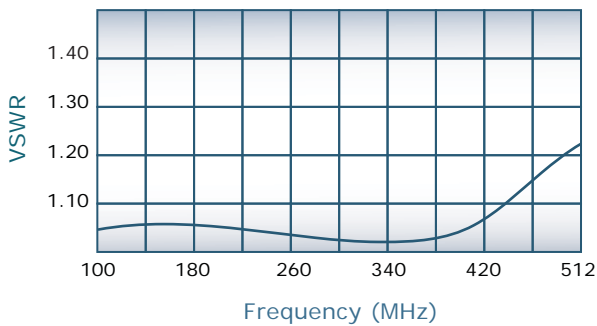
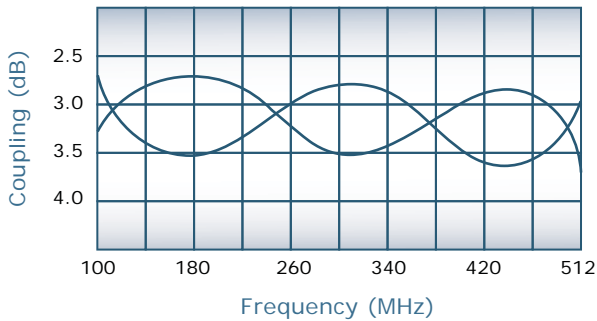
Insertion Loss: 0.4 dB Max.

VSWR: 1.30:1 Max.

Isolation: 20 dB Min.

Phase Balance: ± 5° Max.

Amplitude Balance: ± 0.55 dB Max.



**Notes**

- All specifications guaranteed
- Test data provided with each unit shipped
- Weight: 0.5 Pounds
- Operating Temperature: -55°C to +75°C
- Alternate connector configurations available upon request
- Non-Connectorized version available, Model QH7349

**Connector Configurations**

Model	J1 (Sum Port)	J2, J3 (90°, 0°)	J4 (Iso Port)
QH7816-10	N Female	N Female	N Female
QH7816-12	N Female	SMA	SMA
QH7816-102	SMA	SMA	SMA

