

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 QH10089

Frequency: 800 - 2800 MHz

Power: 200 W CW

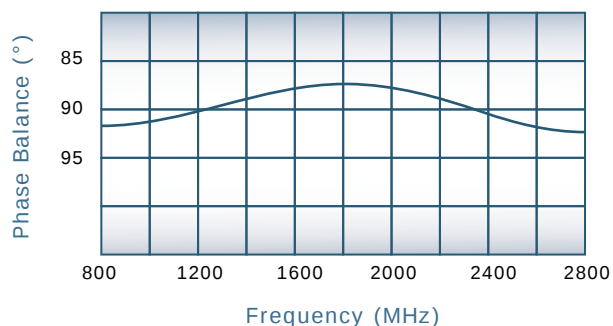
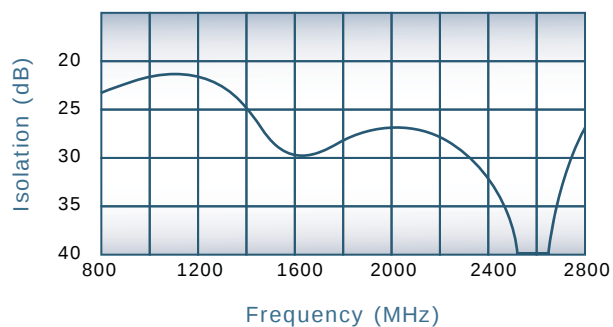
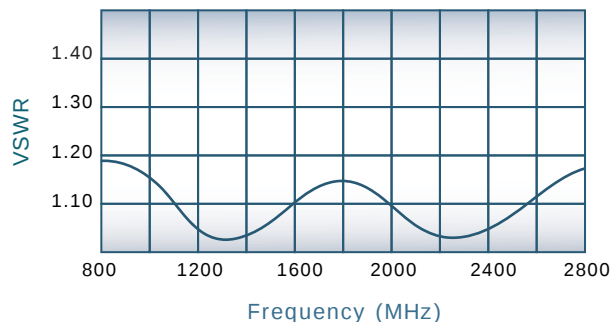
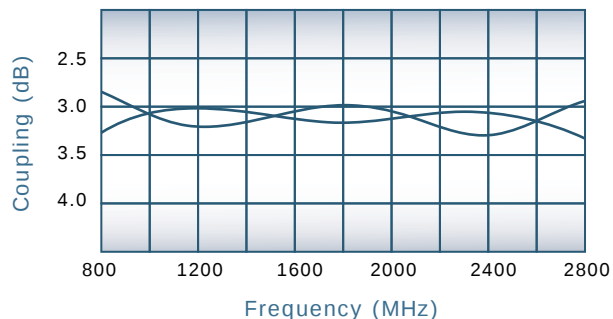
Insertion Loss: 0.35 dB Max.

VSWR: 1.30:1 Max.

Isolation: 20 dB Min.

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

Amplitude Balance: ± 0.4 dB Max.



Notes

- All specifications guaranteed
- Test data provided with each unit shipped
- Operating Temperature: -55°C to $+75^\circ\text{C}$
- Surface Mount Design
- Surface Finish: Immersion Silver (RoHS Compliant)
- Other surface finishes available upon request
- Unit intended to be soldered to a microstrip substrate. For more info, request surface mount unit application note.

Port Configurations

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

