



DECADES AHEAD[®]
high power RF devices

Werlatone[®], Inc.

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90° Hybrid Coupler

Model QH10827

Frequency: 1000 - 7500 MHz

Power: 100 W CW

Insertion Loss: 0.65 dB Max.

VSWR: 1.40:1 Max.

Isolation: 17 dB Min.

Phase Balance: 90° ± 5° Max.

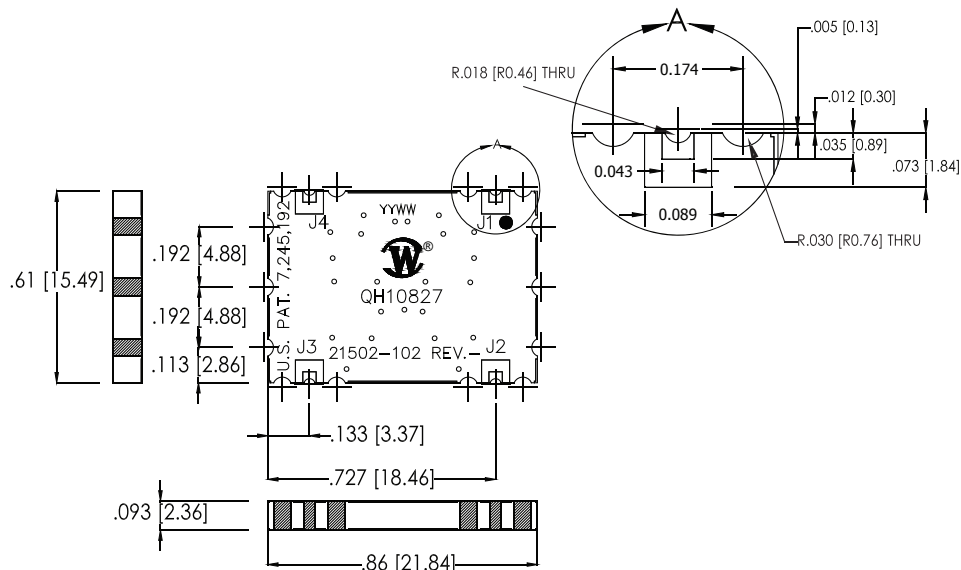
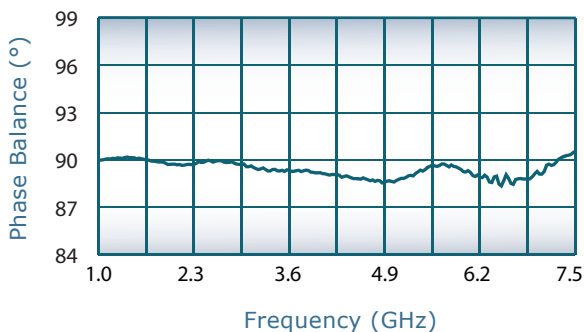
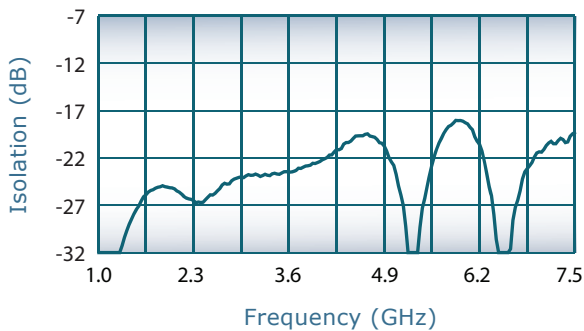
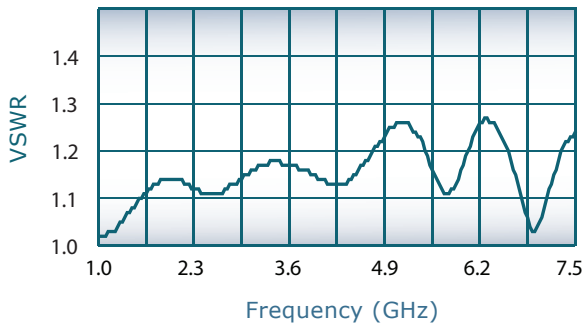
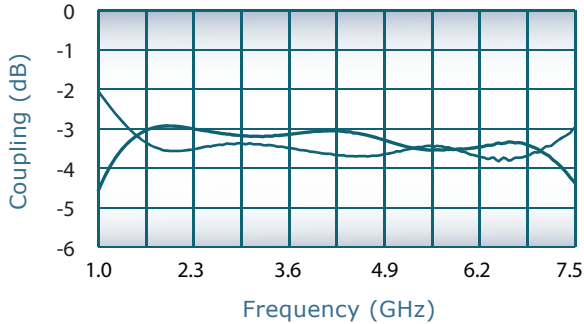
Amplitude Balance: ± 0.7 dB Max. (1300-7500 MHz)
± 1.5 dB Max. (1000-1300 MHz)

Notes

- All specifications guaranteed
- Operating Temperature: -55°C to +75°C
- Surface Mount Design
- Surface Finish: Immersion Silver (RoHS Compliant). Other Surface Finish Options Available Upon Request
- See Surface Mount Tech Note for Installation Guidelines

Port Configurations

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



Specifications subject to change without notice



Send Us Your Specs for Custom Designs