



DECADES AHEAD[®]
high power RF devices

Werlatone[®], Inc.

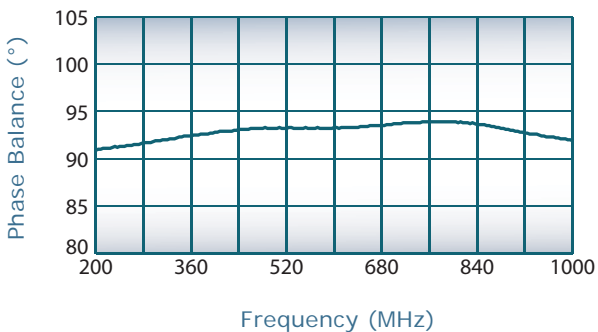
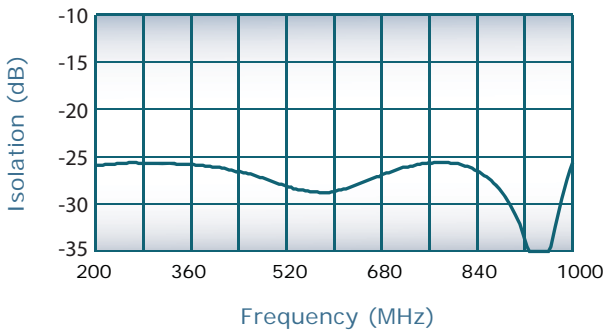
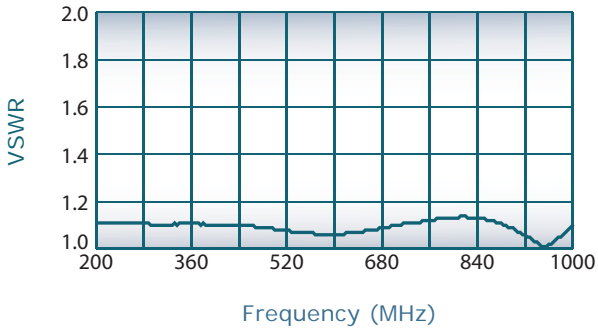
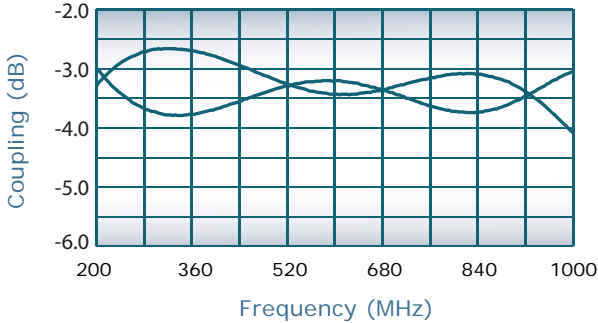
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90° Hybrid Coupler

Model QH7785

Frequency:	200 - 1000 MHz
Power:	100 W CW
Insertion Loss:	0.5 dB Max.
VSWR:	1.30: 1 Max.
Isolation:	20 dB Min.
Phase Balance:	90° ± 5° Max.
Amplitude Balance:	± 0.6 dB Max.



Notes

- All specifications guaranteed
- Test data provided with each unit shipped
- Operating Temperature: -55°C to +75°C
- Surface Finish: 40 ± 15 micro-inches immersion tin IAW IPC 4554.
- Surface Mount Coupler Flush with Heatsink
- Stripline Structure has exposed copper lands. PCB must have a cutout to accommodate part. Align 50 Ohm lands with 0.08" exposed land and make solder joint with lead (Not Supplied).
- Connectorized version available, Model QH8156

Port Configuration

J1	J2	J3	J4
Sum Port	90° Port	0° Port	Isolated Port

