



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

**Werlatone<sup>®</sup>, Inc.**

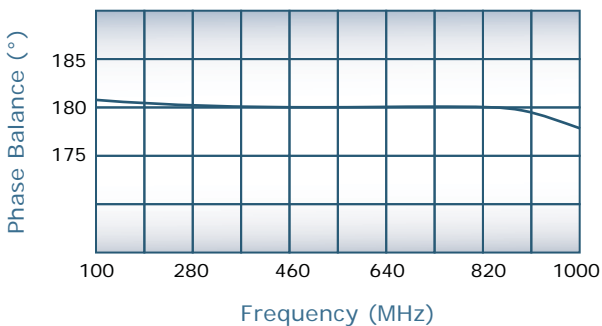
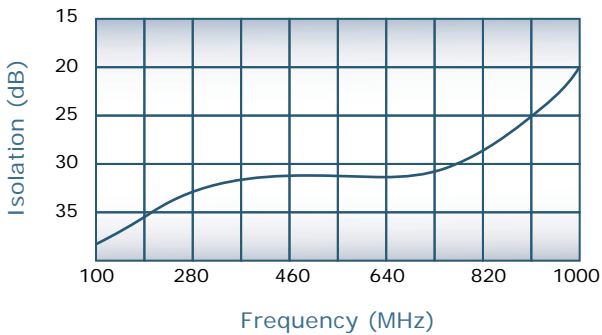
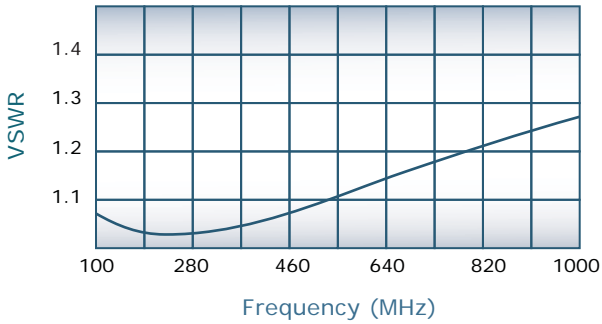
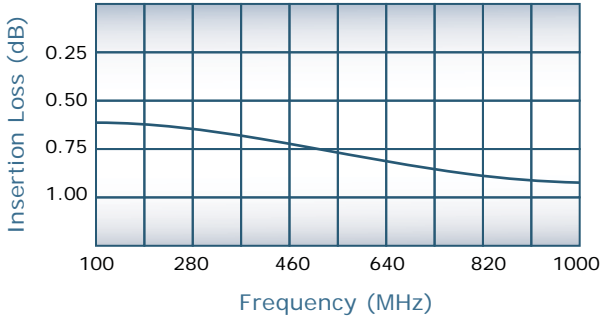
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**180° Hybrid Combiner/Divider**

**Model H7971**

|                    |                |
|--------------------|----------------|
| Frequency:         | 100 - 1000 MHz |
| Power:             | 50 W CW        |
| Insertion Loss:    | 1.3 dB Max.    |
| VSWR:              | 1.30: 1 Max.   |
| Isolation:         | 20 dB Min.     |
| Phase Balance:     | 180° ± 5° Max. |
| Amplitude Balance: | 0.4 dB Max.    |



**Notes**

- All specifications guaranteed
- Test data provided with each unit shipped
- Operating Temperature: -55°C to +75°C
- For N Female connectors, view Model H7972

**Connector Configurations**

| Model     | J1 (Sum Port) | J2,J3 (Input/Output) |
|-----------|---------------|----------------------|
| H7971-102 | SMA           | SMA                  |

