



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

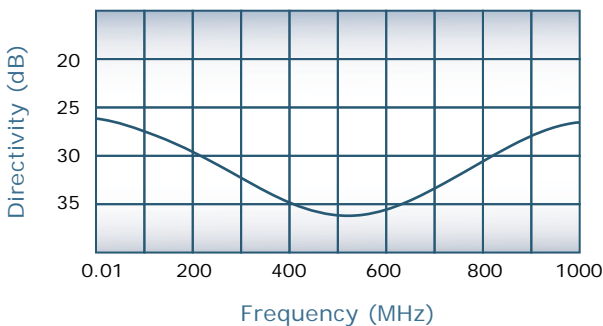
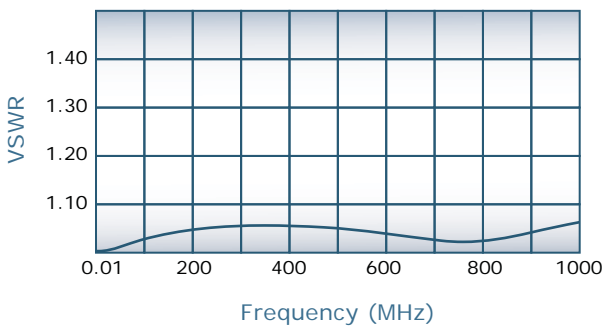
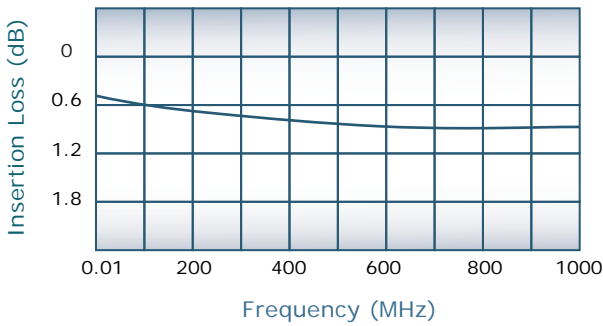
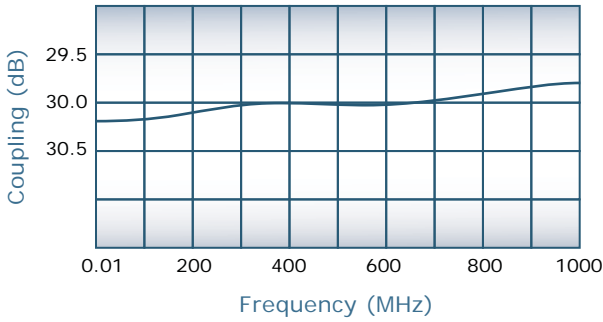
**Werlatone<sup>®</sup>, Inc.**

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**30 dB Dual Directional Coupler  
Model C8991**

Frequency:	0.01 - 1000 MHz
Power:	50 W CW
Coupling:	30 ± 1.0 dB Nom.
Insertion Loss:	1.2 dB Max. *
VSWR:	1.10:1 Max. **
Flatness:	± 0.5 dB Max.
Directivity:	20 dB Min.



**Notes**

- \* Does not include theoretical coupling loss
- \*\* When unit supplied with all SMA Female Connectors, VSWR specification increases to 1.20:1 Max
- All specifications guaranteed
- Test data provided with each unit shipped
- Weight: 1.75 Pounds
- Operating Temperature: -55°C to +75°C
- Uni-Directional version available

**Connector Configurations**

Model	J1,J2 (Main Line)	J3,J4 (Coupled Ports)
C8991-10	N Female	N Female
C8991-12	N Female	SMA
C8991-13	N Female	BNC
C8991-102	SMA	SMA

