



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

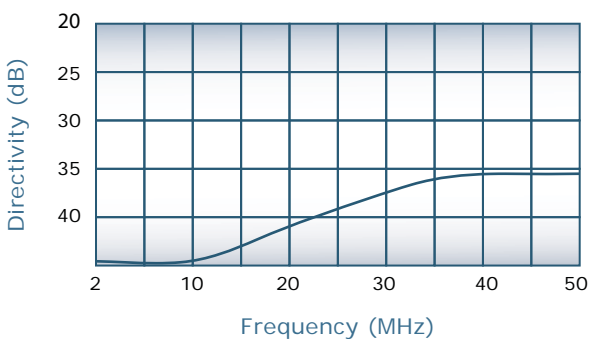
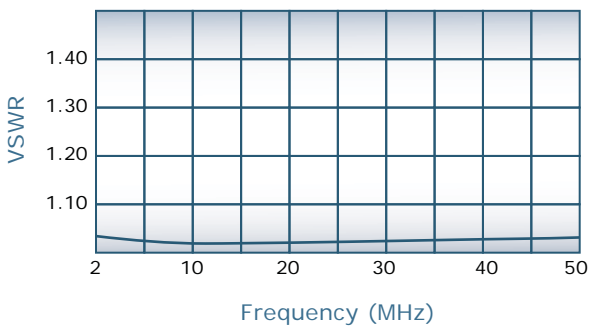
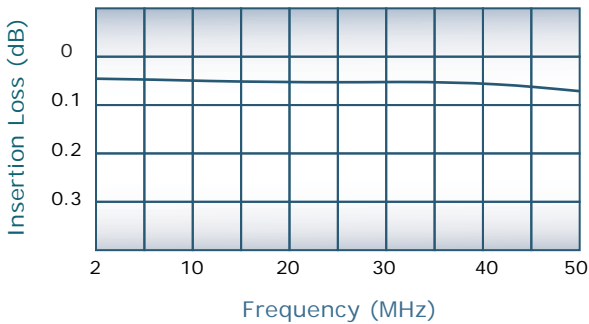
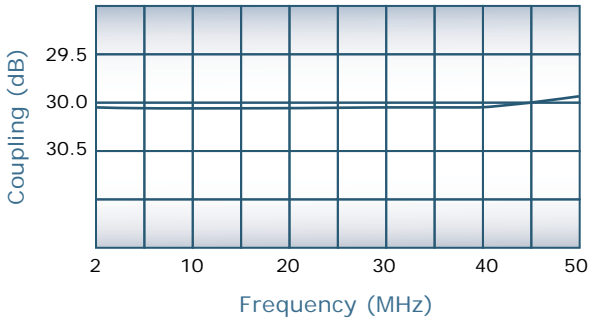
**Werlatone<sup>®</sup>, Inc.**

17 Jon Barrett Road Patterson, New York 12563  
T (845) 278 2220      www.werlatone.com  
F (845) 278 3440      sales@werlatone.com



**30 dB Dual Directional Coupler**  
**Model C5891**

Frequency:	2 - 50 MHz
Power:	100 W CW
Coupling:	30 ± 1.0 dB Nom.
Insertion Loss:	0.15 dB Max. *
VSWR:	1.10:1 Max.
Flatness:	0.2 dB Max.
Directivity:	25 dB Min.



**Mismatch Tolerant<sup>®</sup> Design**

**Notes**

- \* Does not include theoretical coupling loss
- Designed to operate, at 100 W CW, into an Infinite VSWR
- All specifications guaranteed
- Test data provided with each unit shipped
- Weight: 0.75 Pounds
- Operating Temperature: -55°C to +75°C
- Uni-Directional version available

**Mismatch Tolerant<sup>®</sup>** is a registered trademark of **Werlatone, Inc.**

**Connector Configurations**

Model	J1,J2 (Main Line)	J3,J4 (Coupled Ports)
C5891-10	N Female	N Female
C5891-12	N Female	SMA
C5891-13	N Female	BNC
C5891-102	SMA	SMA

