



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

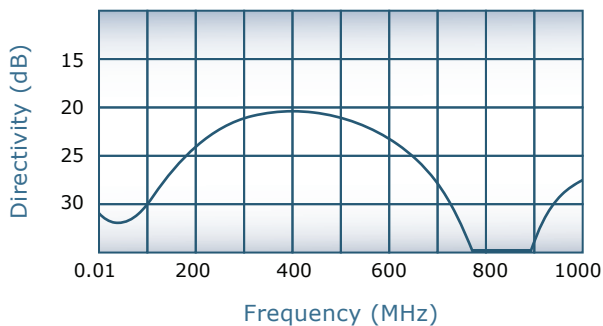
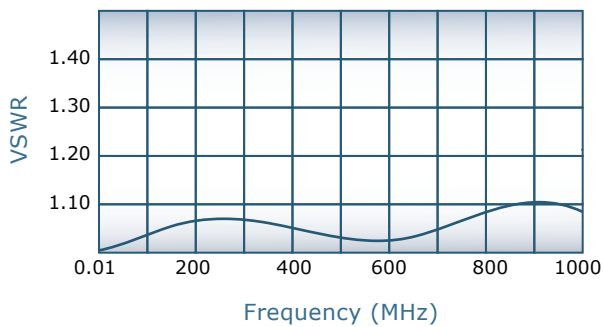
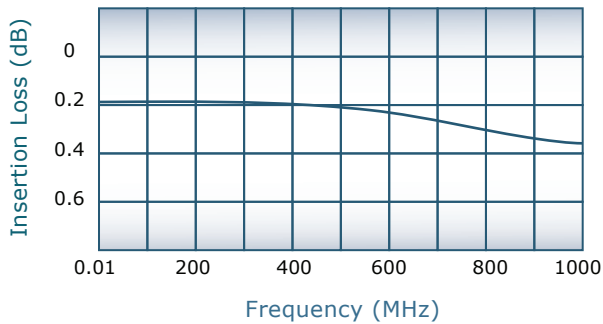
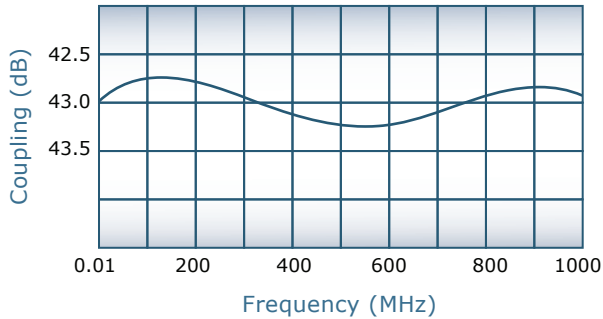
**Werlatone<sup>®</sup>, Inc.**

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**43 dB Dual Directional Coupler**  
**Model C11146**

|                 |                  |
|-----------------|------------------|
| Frequency:      | 0.01 - 1000 MHz  |
| Power:          | 500 W CW         |
| Coupling:       | 43 ± 1.0 dB Nom. |
| Insertion Loss: | 0.45 dB Max.     |
| VSWR:           | 1.30:1 Max.      |
| Flatness:       | ± 0.5 dB Max.    |
| Directivity:    | 20 dB Min.       |



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

**Notes**

- **Designed to operate, at rated power, into a 6:1 Load VSWR**
- All specifications guaranteed
- Test data provided with each unit shipped
- 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) |
|-----------|-------------------|-----------------------|
| C11146-41 | SC Female         | N Female              |
| C11146-43 | SC Female         | SMA                   |
| C11146-44 | SC Female         | BNC                   |

