



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

**Werlatone<sup>®</sup>, Inc.**

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**30 dB Dual Directional Coupler**  
**Model C1407**

Frequency:	100 - 500 MHz
Power:	250 W CW
Coupling:	30 ± 1.0 dB Nom.
Insertion Loss:	0.25 dB Max. *
VSWR:	1.25:1 Max.
Flatness:	0.75 dB Max.
Directivity:	20 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 Ounces
- 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)
C1407-10	N Female	N Female
C1407-12	N Female	SMA
C1407-13	N Female	BNC
C1407-102	SMA	SMA

