



DECADES AHEAD[®]
high power RF devices

Werlatone[®], Inc.

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30 dB Dual Directional Coupler

Model C1807

Frequency:	20 - 100 MHz
Power:	750 W CW
Coupling:	30 ± 1.0 dB Nom.
Insertion Loss:	0.2 dB Max. *
VSWR:	1.15:1 Max.
Flatness:	0.5 dB Max.
Directivity:	25 dB Min.

Mismatch Tolerant[®] Design

Notes

- * Does not include theoretical coupling loss
- Designed to operate, at 200 W CW, into an infinite VSWR
- All specifications guaranteed
- Test data provided with each unit shipped
- Weight: 1 Pound
- Operating Temperature: -55°C to +75°C
- Uni-Directional version available

Mismatch Tolerant[®] is a registered trademark of **Werlatone, Inc.**

Connector Configurations

Model	J1, J2 (Main Line)	J3, J4 (Coupled Ports)
C1807-10	N Female	N Female
C1807-12	N Female	SMA
C1807-13	N Female	BNC
C1807-102	SMA	SMA

