



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

**Werlatone<sup>®</sup>, Inc.**

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**40 dB Dual Directional Coupler**  
**Model C8998**

Frequency:	100 - 3000 MHz
Power:	400 W CW (100-500 MHz) 300 W CW (500-1000 MHz) 250 W CW (1000-3000 MHz)
Coupling:	40 ± 1.0 dB Nom.
Insertion Loss:	0.4 dB Max. *
VSWR:	1.25:1 Max.
Flatness:	± 1.0 dB Max.
Directivity:	18 dB Min.

**Notes**

- \* Does not include theoretical coupling loss
- All specifications guaranteed
- Test data provided with each unit shipped
- Weight: 8.6 Ounces
- Operating Temperature: -55°C to +75°C
- Uni-Directional version available

**Connector Configurations**

Model	J1, J2 (Main Line)	J3, J4 (Coupled Ports)
C8998-10	N Female	N Female
C8998-12	N Female	SMA
C8998-13	N Female	BNC
C8998-102	SMA	SMA

