



DECADES AHEAD[®]
high power RF devices

Werlatone[®], Inc.

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40 dB Dual Directional Coupler

Model C5959

Frequency:	0.1 - 30 MHz
Power:	500 W CW 5 kW Peak
Coupling:	40 ± 1.0 dB Nom.
Insertion Loss:	0.1 dB Max. *
VSWR:	1.25:1 Max. (0.1-0.5 MHz) 1.05:1 Max. (0.5-30 MHz)
Flatness:	± 0.75 dB Max. (0.1-0.5 MHz) ± 0.5 dB Max. (0.5-30 MHz)
Directivity:	20 dB Min.

Mismatch Tolerant[®] Design

Notes

- * Does not include theoretical coupling loss
- Designed to operate, at 500 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)
C5959-10	N Female	N Female
C5959-12	N Female	SMA
C5959-13	N Female	BNC
C5959-43	SC Female	SMA

