



DECADES AHEAD[®]
high power RF devices

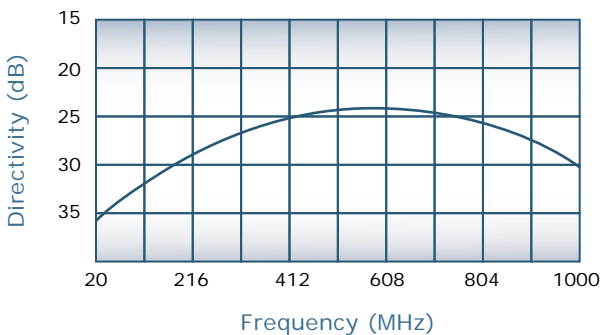
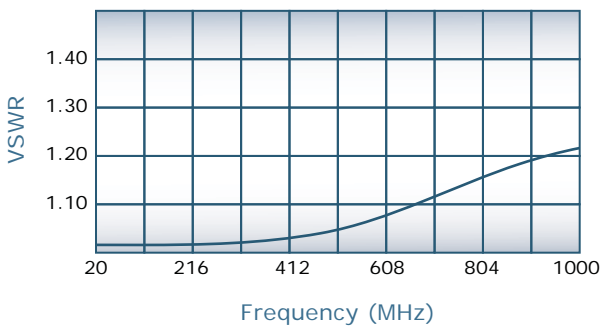
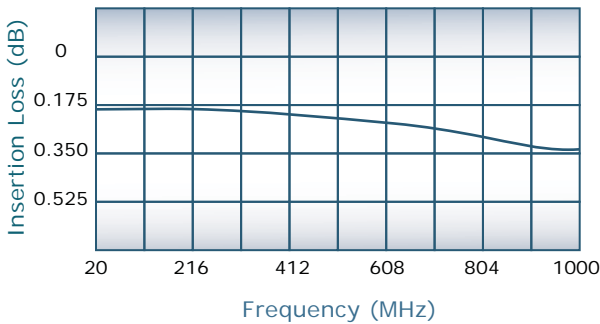
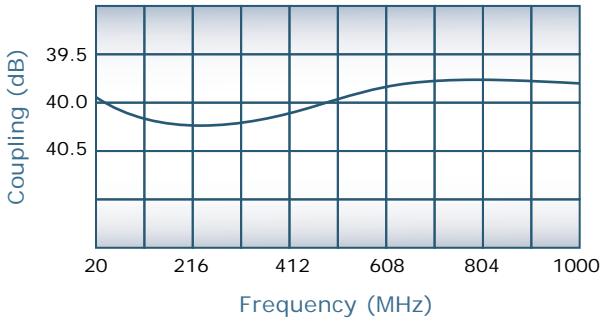
Werlatone[®], Inc.

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40 dB Dual Directional Coupler
Model C8686

Frequency:	20 - 1000 MHz
Power:	500 W CW
Coupling:	40 ± 1.0 dB Nom.
Insertion Loss:	0.35 dB Max. *
VSWR:	1.25:1 Max.
Flatness:	± 0.5 dB Max.
Directivity:	20 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: 1.75 Pounds
- 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)
C8686-10	N Female	N Female
C8686-12	N Female	SMA
C8686-13	N Female	BNC
C8686-20	7/16 Female	N Female

