



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

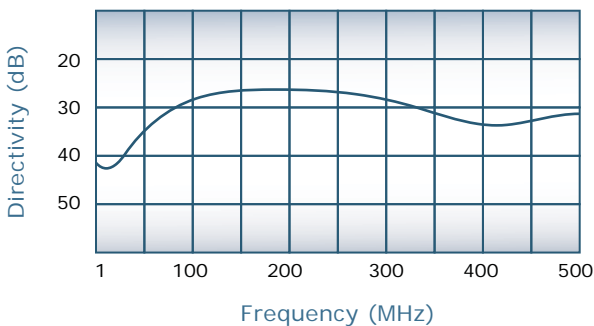
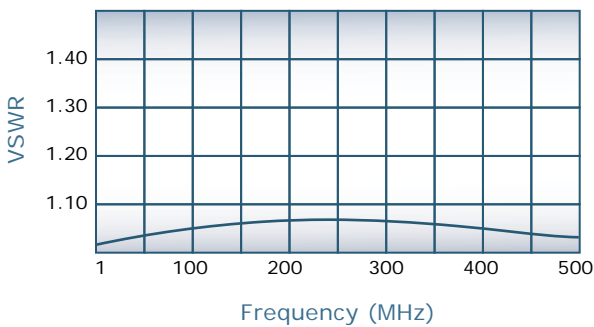
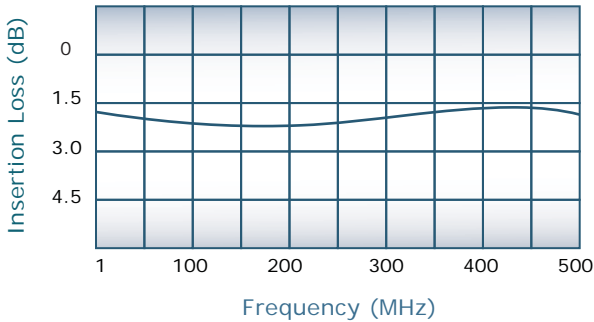
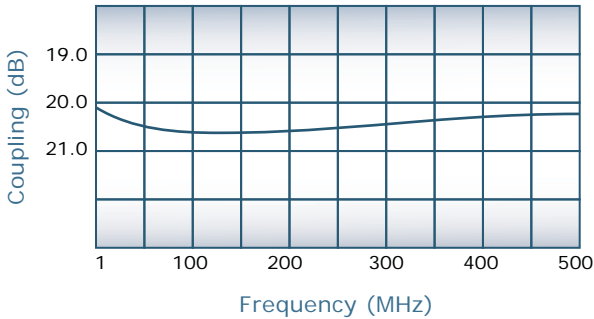
**Werlatone<sup>®</sup>, Inc.**

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**20 dB Dual Directional Coupler**  
**Model C7646**

Frequency:	1 - 500 MHz
Power:	30 W CW
Coupling:	20 ± 1.0 dB Nom.
Insertion Loss:	3.0 dB Max. *
VSWR:	1.30:1 Max.
Flatness:	1 dB Max.
Directivity:	20 dB Min.



**Notes**

- \* Does not include theoretical coupling loss
- All specifications guaranteed
- Test data provided with each unit shipped
- Weight: 0.5 Pounds
- Operating Temperature: -55°C to +75°C

**Connector Configurations**

Model	J1,J2 (Main Line)	J3,J4 (Coupled Ports)
C7646-10	N Female	N Female
C7646-12	N Female	SMA
C7646-102	SMA	SMA

