

B R O A D W A V E T E C H N O L O G I E S I N C .

MODEL 251 - 086 - XXX\*  
 DIRECTIONAL COUPLER

**Frequency Range:** 7 - 12.4 GHz  
**Impedance:** 50 Ohms nominal  
**Coupling:** 10 dB ( - 010 ) ± 1.0 dB maximum  
 20 dB ( - 020 ) ± 1.0 dB maximum  
**Frequency Sensitivity:** ± 0.75 dB maximum  
**Insertion Loss:** 1.0 dB maximum  
**Directivity:** 12 dB minimum  
**VSWR:** 1.50:1 maximum  
**Power Input:** 50 Watts average  
 1000 Watts peak  
**RF Connectors:** SMA Female  
**Operating Temperature Range:** - 55°C to +85°C  
**Outline Drawing:** MED - 0614

\* - Insert desired coupling value

ECF #	Date	Rev.
Issue	7/20/06	0
0489	8/16/07	A
0535	11/28/07	B
0817	5/15/09	C

Approved By: \_\_\_\_\_