

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 - 083 - XXX*
DIRECTIONAL COUPLER

Frequency Range: 1 - 4 GHz

Impedance: 50 Ohms nominal

Coupling: 6 dB (- 006) ± 1.0 dB maximum
10 dB (- 010) ± 1.0 dB maximum
15 dB (- 015) ± 1.0 dB maximum
20 dB (- 020) ± 1.0 dB maximum

Frequency Sensitivity: ± 0.6 dB maximum

Insertion Loss: 2.0 dB maximum (- 006)
1.2 dB maximum (- 010)
0.5 dB maximum (- 015, - 020)

Directivity: 20 dB minimum

VSWR: 1.25:1 maximum

Power Input: 50 Watts average
1000 Watts peak

RF Connectors: SMA Female

Operating Temperature Range: - 55°C to +85°C

Outline Drawing: MED - 0565

* - Insert desired coupling value

ECF #	Date	Rev.
Issue	1/31/06	0

Approved By: _____