

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 - 082 - XXX*

DIRECTIONAL COUPLER

Frequency Range: 2 - 18 GHz

Impedance: 50 Ohms nominal

Coupling: 10 dB (- 010) ± 1.0 dB maximum
13 dB (- 013) ± 1.0 dB maximum
20 dB (- 020) ± 1.0 dB maximum
30 dB (- 030) ± 1.0 dB maximum

Frequency Sensitivity: ± 1.0 dB maximum

Insertion Loss: 1.5 dB maximum (- 010, - 013)
1.2 dB maximum (- 020)
0.8 dB maximum (- 030)

Directivity: 10 dB minimum

VSWR: 1.60:1 maximum

Power Input: 25 Watts average
1000 Watts peak

RF Connectors: SMA Female

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

Outline Drawing: MED – 0567

* - Insert desired coupling value

ECF #	Date	Rev.
Issue	8/7/06	0
0379	11/10/06	A
0410	1/15/07	B
0416	1/31/07	C

Approved By: _____