

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 - 085 - XXX*

DIRECTIONAL COUPLER

Frequency Range: 2 - 8 GHz

Impedance: 50 Ohms nominal

Coupling: 10 dB (- 010) ± 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: 1.2 dB maximum (- 010)
0.5 dB maximum (- 020, - 030)

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 – 0567 (10 dB & 20 dB)
MED – 0701 (30 dB)

* - Insert desired coupling value

ECF #	Date	Rev.
Issue	2/8/06	0
0299	2/14/06	A
0404	12/7/06	B
0483	7/23/07	C

Approved By: _____