

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 252 - 013 - XXX*

DIRECTIONAL COUPLER

Frequency Range: 500 - 2000 MHz

Impedance: 50 Ohms nominal

Coupling: 6 dB (- 006) ± 1.0 dB maximum
10 dB (- 010) ± 1.0 dB maximum
20 dB (- 020) ± 1.0 dB maximum
30 dB (- 030) ± 1.0 dB maximum

Frequency Sensitivity: ± 0.75 dB maximum

Insertion Loss: 1.6 dB maximum (- 006)
0.7 dB maximum (- 010)
0.3 dB maximum (- 020, - 030)

Directivity: 20 dB minimum

VSWR: 1.25:1 maximum

Power Input: 50 Watts average
1000 Watts peak

RF Connectors: N Female

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

Outline Drawing: MED - 0396 (- 006, - 010)
MED - 0397 (- 020)
MED - 0457 (- 030)

* - Insert desired coupling value

ECF #	Date	Rev.
Issue	11/01/02	0
0145	5/14/03	A
0155	6/23/03	B
0250	3/03/05	C

Approved By: _____