

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 - 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: 2.0 dB maximum (- 006)
 0.9 dB maximum (- 010)
 0.4 dB maximum (- 020)
 0.3 dB maximum (- 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 - 0154 (- 006, - 010)
 MED - 0155 (- 020, - 030)

* - Insert desired coupling value

ECF #	Date	Rev.
Issue	11/01/02	0
0255	2/27/07	A

Approved By: _____