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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 151 - 043 - XXX*

POWER DIVIDER

Frequency Range: 800 - 2500 MHz

Impedance: 50 Ohms nominal

Configurations: 2 way (- 002) 8 way (- 008)
* - Insert desired configuration 4 way (- 004) 16 way (- 016)

Isolation: 25 dB typical; 20 dB minimum

Insertion Loss: (- 002)
(above theoretical split) 0.4 dB nominal, 0.6 dB max. @ 2500 MHz

(- 004)
0.9 dB nominal, 1.2 dB max. @ 2500 MHz

(- 008)
1.3 dB nominal, 1.5 dB max. @ 2500 MHz

(- 016)
1.7 dB nominal, 2.0 dB max. @ 2500 MHz

Amplitude Tracking: ± 0.3 dB maximum (- 002, - 004)
± 0.5 dB maximum (- 008, - 016)

VSWR: 1.40:1 maximum (- 002, - 004)
1.50:1 maximum (- 008)
1.60:1 maximum (- 016)

Power Input: 5 Watts average @ common port

RF Connectors: SMA Female

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

Outline Drawing: MED - 0074 (- 002) MED - 0185 (- 008)
MED - 0087 (- 004) MED - 0590 (- 016)

ECF #	Date	Rev.
Issue	11/01/02	0
0164	6/24/03	A
0284	8/25/05	B
0315	4/25/06	C
0330	6/5/06	D

Approved By: _____