

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 - 039 - XXX*

POWER DIVIDER

Frequency Range: 2 - 4 GHz

Impedance: 50 Ohms nominal

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

Isolation: 25 dB typical
20 dB minimum

Insertion Loss: 0.5 dB nominal @ 4000 MHz (- 002)
(above theoretical split) .75 dB nominal @ 4000 MHz (- 004)
1.5 dB nominal @ 4000 MHz (- 008)

Amplitude Tracking: ± 0.2 dB maximum (- 002)
± 0.3 dB maximum (- 004)
± 0.5 dB maximum (- 008)

Phase Tracking: ± 2° maximum (- 002)
± 4° maximum (- 004)
± 5° maximum (- 008)

VSWR: 1.30:1 maximum (- 002, - 004)
1.50:1 maximum (- 008)

Power Input: 5 Watts average @ 25°C

RF Connectors: SMA Female

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

Outline Drawing: MED - 0068 (- 002)
MED - 0081 (- 004)
MED - 0185 (- 008)

ECF #	Date	Rev.
Issue	11/01/02	0
0161	6/24/03	A
0776	2/23/09	B
0995	9/27/10	C

Approved By: _____