

Approved Internet/Email Copy

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 152 - 085 - XXX*

POWER DIVIDER

Frequency Range: 800 - 2700 MHz

Impedance: 50 Ohms nominal

Configurations: 2 way (- 002)
* - Insert desired configuration 3 way (- 003) 800-2000 MHz only
4 way (- 004)

Isolation: 25 dB typical; 20 dB minimum

Insertion Loss: (- 002)
(above theoretical split) 0.4 dB nominal, 0.6 dB max. @ 2700 MHz

(- 003)
0.5 dB nominal, 1.0 dB max. @ 2000 MHz

(- 004)
0.8 dB nominal, 1.2 dB max. @ 2700 MHz

Amplitude Tracking: ± 0.3 dB maximum (- 002)
± 0.5 dB maximum (- 003, - 004)

VSWR: 1.40:1 maximum (- 002)
1.50:1 maximum (- 003, - 004)

Power Input: 5 Watts average @ 25°C

RF Connectors: N Female

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

Outline Drawing: MED - 0281 (- 002) MED - 0088 (- 004)
MED - 0317 (- 003)

ECF #	Date	Rev.
Issue	7/7/04	0
0287	8/25/05	A
0421	2/8/07	B

Approved By: _____