

## 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 - 041 - XXX\*

## POWER DIVIDER

**Frequency Range:** 800 - 1000 MHz

**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:** 0.3 dB nominal @ 1000 MHz ( - 002 )  
 ( above theoretical split ) 0.6 dB nominal @ 1000 MHz ( - 004 )  
 1.0 dB nominal @ 1000 MHz ( - 008 )

**Amplitude Tracking:**  $\pm 0.3$  dB maximum  
 $\pm 5^\circ$  maximum

**Phase Tracking:**  
**VSWR:** 1.40:1 maximum ( - 002, - 004 )  
 1.50:1 maximum ( - 008 )

**Power Input:** 5 Watts average @ 25°C

**RF Connectors:** N Female

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

**Outline Drawing:** MED - 0069 ( - 002 )  
 MED - 0082 ( - 004 )  
 MED - 0182 ( - 008 )

ECF #	Date	Rev.
Issue	11/01/02	0
0162	6/24/03	A
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Approved By: \_\_\_\_\_