

B R O A D W A V E T E C H N O L O G I E S I N C .

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MODEL 151 - 038 - XXX\*

POWER DIVIDER

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**Frequency Range:** 1 - 2 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 @ 2000 MHz ( - 002 )  
( above theoretical split ) 0.8 dB nominal @ 2000 MHz ( - 004 )  
1.2 dB nominal @ 2000 MHz ( - 008 )

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

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

**VSWR:** 1.30:1 maximum ( - 002 )  
1.40:1 maximum ( - 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 - 0072 ( - 002 )  
MED - 0083 ( - 004 )  
MED - 0188 ( - 008 )

ECF #	Date	Rev.
Issue	11/01/02	0
0160	6/24/03	A
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Approved By: \_\_\_\_\_