

**Approved For Internet/Email**

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 - 202 - XXX\***

**POWER DIVIDER**

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**Frequency Range:** 700 - 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 )

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