

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 - 267 - XXX\*

POWER DIVIDER

**Frequency Range:** 500 - 2000 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:** 0.5 dB nominal @ 2000 MHz ( - 002 )  
 ( above theoretical split ) 1.0 dB nominal @ 2000 MHz ( - 004 )  
 1.5 dB nominal @ 2000 MHz ( - 008 )

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

**VSWR:** 1.25:1 maximum ( - 002 )  
 1.30:1 maximum ( - 004 )  
 1.50:1 maximum ( - 008 )

**Power Input:** 30 Watts average (w/ load VSWR 1.2 or better)  
 18 Watts average (w/ load VSWR 2.0 or better)  
 10 Watts average (w/ load VSWR = ∞)

**RF Connectors:** SMA Female

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

**Outline Drawing:** MED - 0076 ( - 002 )  
 MED - 0085 ( - 004 )  
 MED - 0188 ( - 008 )

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Approved By: \_\_\_\_\_