

## 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 - 268 - XXX\*

## POWER DIVIDER

<b>Frequency Range:</b>	700 - 3500 MHz
<b>Impedance:</b>	50 Ohms nominal
<b>Configurations:</b>	2 way ( - 002 )
* - Insert desired configuration	4 way ( - 004 )
<b>Isolation:</b>	25 dB typical 20 dB minimum
<b>Insertion Loss:</b> ( above theoretical split )	0.6 dB nominal @ 2700 MHz ( - 002 ) 1.0 dB nominal @ 2700 MHz ( - 004 ) 1.0 dB nominal @ 2700 – 3500 MHz ( - 002 ) 1.5 dB nominal @ 2700 – 3500 MHz ( - 004 )
<b>Amplitude Tracking:</b>	± 0.3 dB maximum ( - 002 ) ± 0.5 dB maximum ( - 004 )
<b>Phase Tracking:</b>	± 5° maximum ( - 002 ) ± 8° maximum ( - 004 )
<b>VSWR:</b>	1.40:1 maximum @ 2700 MHz ( - 002, - 004 ) 1.50:1 maximum @ 2700 – 3500 MHz ( - 002, - 004 )
<b>Power Input:</b>	5 Watts average @ 25°C
<b>RF Connectors:</b>	SMA Female
<b>Operating Temperature Range:</b>	- 55°C to +85°C
<b>Outline Drawing:</b>	MED - 0074 ( - 002 ) MED - 0087 ( - 004 )

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Issue	11/06/09	0

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