

## 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 - 042 - XXX\*

## POWER DIVIDER

<b>Frequency Range:</b>	<b>1700 - 2200 MHz</b>
<b>Impedance:</b>	<b>50 Ohms nominal</b>
<b>Configurations:</b>	<b>2 way ( - 002 )</b>
* - Insert desired configuration	<b>4 way ( - 004 )</b>
	<b>8 way ( - 008 )</b>
<b>Isolation:</b>	<b>25 dB typical</b>
	<b>20 dB minimum</b>
<b>Insertion Loss:</b>	<b>0.3 dB nominal @ 2200 MHz ( - 002 )</b>
<b>( above theoretical split )</b>	<b>0.6 dB nominal @ 2200 MHz ( - 003, - 004 )</b>
	<b>1.0 dB nominal @ 2200 MHz ( - 008 )</b>
<b>Amplitude Tracking:</b>	<b>± 0.3 dB maximum ( - 002, - 003, - 004 )</b>
	<b>± 0.5 dB maximum ( - 008 )</b>
<b>Phase Tracking:</b>	<b>± 5° maximum</b>
<b>VSWR:</b>	<b>1.40:1 maximum ( - 002, - 004 )</b>
	<b>1.50:1 maximum ( - 008 )</b>
<b>Power Input:</b>	<b>5 Watts average @ 25°C</b>
<b>RF Connectors:</b>	<b>SMA Female</b>
<b>Operating Temperature Range:</b>	<b>- 55°C to +85°C</b>
<b>Outline Drawing:</b>	<b>MED - 0068 ( - 002 )</b>
	<b>MED - 0773 ( - 003 )</b>
	<b>MED - 0081 ( - 004 )</b>
	<b>MED - 0186 ( - 008 )</b>

ECF #	Date	Rev.
Issue	11/01/02	0
0133	03/13/03	A
0163	6/24/03	B
0192	4/07/04	C
0684	9/25/08	D

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