

## 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 - 010 - XXX\*

## POWER DIVIDER

<b>Frequency Range:</b>	<b>2 - 18 GHz</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>17 dB minimum ( - 002 )</b>
	<b>14 dB minimum ( - 004, - 008 )</b>
<b>Insertion Loss:</b>	<b>1.0 dB maximum ( - 002 )</b>
<b>( above theoretical split )</b>	<b>2.0 dB maximum ( - 004 )</b>
	<b>2.5 dB maximum ( - 008 )</b>
<b>Amplitude Tracking:</b>	<b>± 0.3 dB maximum ( - 002 )</b>
	<b>± 0.6 dB maximum ( - 004, - 008 )</b>
<b>Phase Tracking:</b>	<b>± 2° max @ 2 GHz; ± 6° max overall ( - 002, - 004 )</b>
	<b>± 2° max @ 2 GHz; ± 10° max overall ( - 008 )</b>
<b>VSWR:</b>	<b>1.60:1 maximum ( - 002, - 004 )</b>
	<b>2.10:1 maximum ( - 008 )</b>
<b>Power Input:</b>	<b>30 Watts average</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 - 0003 ( - 002 )</b>
	<b>MED - 0106 ( - 004 )</b>
	<b>MED - 0289 ( - 008 )</b>

ECF #	Date	Rev.
Issue	02/22/02	0
0157	06/23/03	A
0271	07/22/05	B

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