

## 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 – 191 – XXX\*

## POWER DIVIDER

<b>Frequency Range:</b>	<b>8 – 18 GHz</b>
<b>Impedance:</b>	<b>50 Ohms nominal</b>
<b>Configuration:</b>	<b>2 way ( - 002 )</b>
* - Insert desired configuration	<b>4 way ( - 004 )</b>
<b>Isolation:</b>	<b>18 dB minimum</b>
<b>Insertion Loss:</b>	<b>0.7 dB maximum ( - 002 )</b>
<b>( above theoretical split )</b>	<b>1.3 dB maximum ( - 004 )</b>
<b>Amplitude Balance:</b>	<b>± 0.4 dB maximum ( - 002 )</b>
	<b>± 0.5 dB maximum ( - 004 )</b>
<b>Phase Balance:</b>	<b>± 5° maximum ( - 002 )</b>
	<b>± 8° maximum ( - 004 )</b>
<b>VSWR:</b>	<b>1.5:1 maximum ( - 002 )</b>
	<b>1.6:1 maximum ( - 004 )</b>
<b>Power Input:</b>	<b>20 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 - 0736 ( 2 way )</b>
	<b>MED - 0648 ( 4 way )</b>

ECF #	Date	Rev.
Issue	3/27/06	0
0491	8/24/07	A

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