

## 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 153 - 014 - XXX\*

## POWER DIVIDER

<b>Frequency Range:</b>	<b>800 - 2200 MHz</b>		
<b>Impedance:</b>	<b>50 Ohms nominal</b>		
<b>Configurations:</b>	<b>2 way ( - 002 )</b>		
* - Insert desired configuration	<b>3 way ( - 003 )</b>		
	<b>4 way ( - 004 )</b>		
	<b>6 way ( - 006 )</b>		
	<b>8 way ( - 008 )</b>		
<b>Isolation:</b>	<b>25 dB typical</b>		
	<b>20 dB minimum</b>		
<b>Insertion Loss:</b>	<b>0.5 dB nominal ( - 002 )</b>		
<b>( above theoretical split )</b>	<b>0.6 dB nominal ( - 003 )</b>		
	<b>0.9 dB nominal ( - 004 )</b>		
	<b>1.0 dB nominal ( - 006 )</b>		
	<b>1.3 dB nominal ( - 008 )</b>		
<b>Amplitude Tracking:</b>	<b>± 0.3 dB maximum ( - 002, - 004 )</b>		
	<b>± 0.5 dB maximum ( - 003, - 006, - 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 ( - 003, - 006, - 008 )</b>		
<b>Power Input:</b>	<b>5 Watts average</b>		
<b>RF Connectors:</b>	<b>TNC Female</b>		
<b>Operating Temperature Range:</b>	<b>- 55°C to +85°C</b>		
<b>Outline Drawing:</b>	<b>MED - 0281 ( - 002 )</b>	<b>MED - 0764 ( - 006 )</b>	
	<b>MED - 0317 ( - 003 )</b>	<b>MED - 0182 ( - 008 )</b>	
	<b>MED - 0088 ( - 004 )</b>		

ECF#	DATE	REV.
Issue	10/27/04	0
0323	5/17/06	A
0449	4/12/07	B
0860	9/9/09	C

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