

## 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 651 - 017 - 031

## SOLID STATE PROGRAMMABLE ATTENUATOR

<b>Frequency Range:</b>	<b>800 - 2200 MHz</b>
<b>Impedance:</b>	<b>50 Ohms nominal</b>
<b>Attenuation Range:</b>	<b>31 dB in 1 dB steps</b>
<b>Attenuation Steps:</b>	<b>1, 2, 4, 8 and 16dB</b>
<b>Attenuation Accuracy:</b>	<b>± 0.6 dB or 2% of programmed</b>
<b>Insertion Loss:</b>	<b>2.0 dB nominal @ 800 MHz 3.5 dB nominal @ 2200 MHz</b>
<b>VSWR:</b>	<b>1.30:1 typical 1.50:1 maximum</b>
<b>Input Power:</b>	<b>+20 dBm average</b>
<b>Switching Time:</b>	<b>2 microseconds typical 5 microseconds maximum</b>
<b>Supply Voltage:</b>	<b>+5 Vdc</b>
<b>Control :</b>	<b>TTL low for “ zero ” setting TTL high for attenuation setting</b>
<b>Control Connector:</b>	<b>10 - pin latch</b>
<b>RF Connectors:</b>	<b>SMA Female</b>
<b>Outline Drawing:</b>	<b>MED - 0352</b>

<b>ECF #</b>	<b>Date</b>	<b>Rev.</b>
Issue	06/08/04	0
0953	3/17/10	A

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