

B R O A D W A V E T E C H N O L O G I E S I N C .

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MODEL 651 - 025 - 063

SOLID STATE PROGRAMMABLE ATTENUATOR

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**Frequency Range:** 500 - 2500 MHz

**Impedance:** 50 Ohms nominal

**Attenuation Range:** 63 dB in 1 dB steps

**Attenuation Steps:** 1, 2, 4, 8, 16, 16, 16 dB

**Attenuation Accuracy:** ± 0.5 dB or 2% of programmed

**Insertion Loss:** 2.5 dB nominal @ 500 MHz  
6.0 db nominal @ 2500 MHz

**VSWR:** 1.50:1 maximum

**Input Power:** +20 dBm average

**Switching Time:** 2 microseconds typical  
5 microseconds maximum

**Supply Voltage:** +5 Vdc @ 210 mA maximum

**Control :** TTL low for “zero” setting  
TTL high for attenuation setting

**Control Connector:** 10 - pin latch

**RF Connectors:** SMA Female

**Operating Temperature:** 0°C to +70°C

**Outline Drawing:** MED - 0354

ECF #	Date	Rev.
Issue	8/4/08	0
0866	9/14/09	A

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