

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 - 018 - 063

SOLID STATE PROGRAMMABLE ATTENUATOR

**Frequency Range:** 20 - 500 MHz  
**Impedance:** 50 Ohms nominal  
**Attenuation Range:** 63 dB in 1 dB steps  
**Attenuation Steps:** 1, 2, 4, 8, 16 and 32 dB  
**Attenuation Accuracy:** ± 0.5 dB or 2% of programmed  
**Insertion Loss:** 2.5 dB nominal  
 3.0 dB maximum  
**VSWR:** 1.50:1 maximum  
 1.30:1 typical  
**Input Power:** +20 dBm maximum  
**Switching Time:** 5 microseconds maximum  
**Supply Voltage:** +5 Vdc @ 180 mA nominal  
**Control :** TTL low for “ zero ” setting  
 TTL high for attenuation setting  
**Control Connector:** 10 - pin latch  
**RF Connectors:** SMA Female  
**Operating Temperature:** - 40°C to +70°C  
**Outline Drawing:** MED - 0353

ECF #	Date	Rev.
Issue	11/30/04	0

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