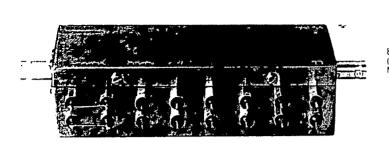
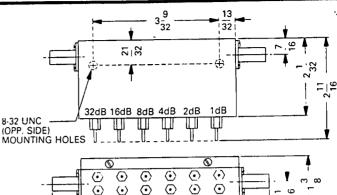
## 1.5-127dB

Programmable Attenuators





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## PA PROGRAMMABLE ATTENUATORS

Texscan's PA digitally programmable attenuator line is designed to fulfill a large variety of applications with a minimum of interfacing problems. Most configurations provide attenuation steps representing a simple binary digit for easy mating to computer circuitry. Decimal and binary coded decimal steps are also available. The PA Series includes eleven basic models which cover 1.5, 12.7, 15, 63, 125 and 127 dB ranges. These

models are variable in 0.1 dB and 1 dB increments. Complete specifications on the basic models are shown below. In addition to their flexibility, the PA's also feature a low package density, very rapid switching time and a high degree of reliability. These factors are always of major consideration when considering a programmable attenuator. Switching time and reliability are determined by the individual switching elements. Life expectancy of the switches used in the PA Series is in excess of 10 million operations.

These units have extremely linear phase characteristics and the group delay is approximately 2 nanoseconds. This group delay on a typical pad varies less than 0.2 nanosecond from 100 MHz to 1000 MHz, and less than 0.4 nanosecond from pad to pad. Control voltages available from 5 to 26.5 volts. Other options include TTL compatible control, sensitive relays for low power consumption, magnetic latching and high shock relays.

## 50 OHM

