

PROGRAMMABLE ATTENUATORS

MODEL: EPA-127-3-SMA

Features:

- Solid State Reliability
30 MHz to 3 GHz
- Low Insertion Loss
- High Switching Speed
- Price Competitive



Trilithic's Solid State Programmable Attenuator operates from 30 MHz to 3 GHz. The attenuation range is 0 to 127 dB in 1 dB steps. This product offers low insertion loss, 20 microseconds switching speed and it has TTL control. **Please contact the factory for your custom needs.**

SPECIFICATIONS

Frequency Range	30 MHz to 3 GHz	Switching Speed 20 microseconds maximum
Impedance	50 Ohms nominal	
Attenuation Range	0 to 127 dB in 1 dB steps	DC Supply +15 Vdc @ 80 mA nominal -15 Vdc @ 80 mA nominal
Attenuation Steps	1, 2, 4, 8, 16, 32 and 64 dB	
VSWR	1.6:1 max	DC/Control connector 3M 3793-5303
Accuracy 1, 2, 4, 8 dB 1, 2, 4, 8 dB 16, 32, 64 dB	+/- 0.3 dB to 2 GHz	RF Connectors SMA Female
	+/- 0.4 dB to 3 GHz	
	+/- 0.5 dB or 3% (whichever is greater)	Operating Temperature Range 0 deg C to +70 deg C
Insertion Loss 6 dB maximum to 2000 MHz 8 dB maximum to 3000 MHz		Programming (7lines) TTL Low for Thru Path TTL High for Attenuation
RF Input Power +15 dBm operating +30 dBm no damage		Physical Size See outline drawing 0040679000 (on back)

Note: Electrical & Mechanical Specifications and Dimension may change without prior notice



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MECHANICAL SPECIFICATIONS

