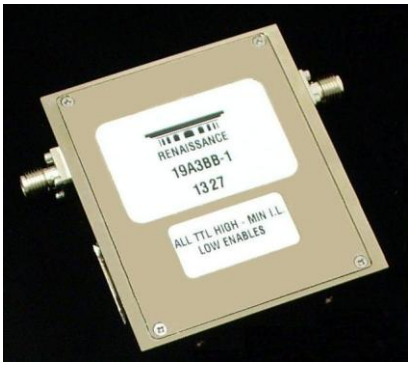
Programmable Attenuator for Cellular Fading Simulation Application



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Renaissance has developed a new solid state programmable attenuator that can be used to perform fading simulations. The device operates from DC – 3 GHz with 5.5 dB insertion loss and can attenuate 90 dB in 0.5 dB steps. The attenuator can handle 20 dBm over -40 to +85 C.

PRODUCT FEATURES

- Solid state design
- TTL Control
- Control: .04” solderable leads

BENEFITS

- Operating life > 10^9 cycles
- Easily integrated into existing systems
- Industry standard footprint

SPECIFICATIONS

Frequency	DC - 3 GHz
Attenuation	90/0.5 dB
Return Loss	16 dB
Control	TTL
Power CW	20 dBm
Voltage	5V @ 20 mA
Switching time	100 ns
Temperature	-40 to +85 °C
Size	2.17” x 2.50” x 0.54”
Connector	SMA-Female

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