

# DIGITALLY CONTROLLED ATTENUATORS

## KEY SPECIFICATIONS:

- Frequency Range: 1.0 to 18.0 GHz
- Range of Attenuation: 60 dB
- Attenuation Step Size: 0.3 dB steps
- Digital Control: 8-Bit, TTL-Logic Control
- Insertion Loss: 5.0 dB nom
- Attenuation Linearity:  $\pm 1$  dB nom
- Attenuation Flatness over Frequency range:  $\pm 2$  dB max
- Maximum Input RF Power: +20 dBm CW (Operating)
- Switching Speed: 650 ns max
- VSWR: 2.2:1 max
- Impedance (In/Out): 50 Ohms
- Power Supply:  $\pm 12$ V (other voltages available)
- Size (Typical): 2" X 2" X 0.455"



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## TYPICAL PERFORMANCE

### ATTENUATION RESPONSE

