

## Attenuators



### Voltage Controlled

Voltage/Current Controlled, .25-16 GHz  
Linearized Voltage/Current Controlled, 6-16 GHz

### Digitally Controlled

Digitally Controlled, .25 to 4 GHz  
Digitally Controlled, 4 to 16 GHz

## RF and Microwave Diode Attenuators

Pulsar supplies a broad range of PIN diode attenuators with either continuously variable voltage or current controlled attenuation to 64 dB or digitally programmable attenuation also to 64 dB with 8 bit resolution and least significant bit size of 0.125 dB.

Voltage or current controlled attenuators cover broad bandwidths from 0.25-16 GHz with attenuation ranges of either 32 or 64 dB. Voltage controlled linearized attenuators are available from 0.25-16.0 GHz with attenuation ranges of 32 and 64 dB and typical transfer functions of 10dB/volt.

Digitally programmable attenuators cover the frequency ranges of 0.25-16 GHz with either 32 or 64 dB of attenuation. Internal TTL drivers are utilized, providing 500 nanosecond switching time.

In the frequency range of 0.25-4.0 GHz, octave bandwidths are standard with 8 bit resolution down to 0.125 dB LSB for 32 dB attenuation range and 0.250 LSB for 64 dB attenuation range.

Standard units for the frequency range of 4-16 GHz have band-widths of +/- 20% to +/- 50% with either 32 or 64 dB attenuation range. Again the resolution is 8 bits with 0.125 dB LSB for 32 dB attenuation range and 0.250 LSB for 64 dB attenuation range.



60/40 Solder Available

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ISO 9001:2000 Certified