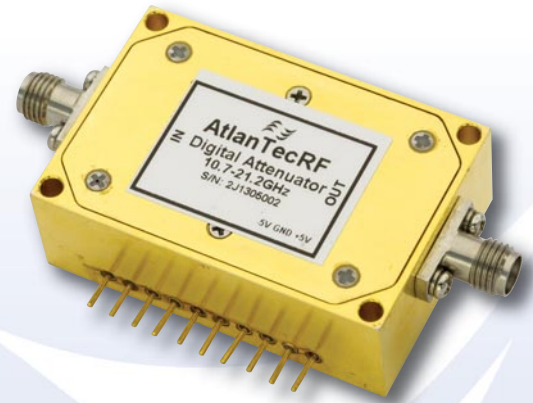
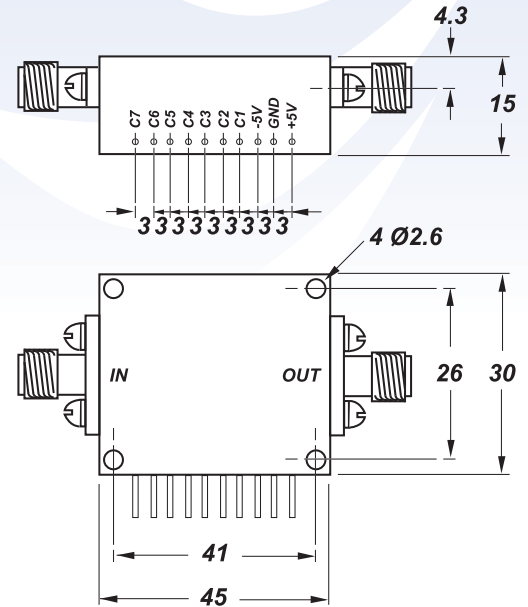


Digital Control PIN Attenuators

- Frequency to 40GHz
- Wide Bandwidth
- Fast Response
- Low VSWR
- Miniature Size



| General Specifications | |
|------------------------|---|
| Control | TTL |
| Power Handling | 200mW max. |
| Impedance | 50 ohms |
| Power Supply | +/-5V |
| Operating Temperature | -40 to +70C |
| Storage Temperature | -55 to +85C |
| Control Input | Solder Pins as standard D-sub Connector optional |



Dimensions in mm. Outline is a typical illustration only, for detailed outlines please consult factory

| Model No | Frequency Range (GHz) | Atten. (dB) | Step Size (dB) | Atten. Flatness (+/-dB) max. | Insertion Loss (dB) max. | VSWR max. | RF Conn Type (Female) | TTL Control (Bits) | Switching Speed (ns) max. |
|-------------------------|-----------------------|-------------|----------------|------------------------------|--------------------------|-----------|-----------------------|--------------------|---------------------------|
| ADA-500-1000-60/1 | 0.5-1.0 | 60 | 1.0 | 1.0 | 1.3 | 1.9 | SMA | 6 | 500 |
| ADA-500-18000-30/1 | 0.5-18.0 | 30 | 1.0 | 1.8 | 5.8 | 2.0 | SMA | 5 | 500 |
| ADA-950-2150-30/0.25 | 0.950-2.150 | 30 | 0.25 | 1.0 | 3.5 | 1.6 | SMA | 7 | 500 |
| ADA-1000-2000-60/1 | 1.0-2.0 | 60 | 1.0 | 1.0 | 1.5 | 1.5 | SMA | 6 | 500 |
| ADA-2000-4000-60/1 | 2.0-4.0 | 60 | 1.0 | 1.0 | 1.6 | 1.5 | SMA | 6 | 500 |
| ADA-3700-14500-30/0.25 | 3.7-14.5 | 30 | 0.25 | 1.0 | 7.0 | 2.0 | SMA | 7 | 200 |
| ADA-4000-8000-60/1 | 4.0-8.0 | 60 | 1.0 | 1.0 | 2.1 | 1.7 | SMA | 6 | 500 |
| ADA-8000-12000-60/1 | 8.0-12.0 | 60 | 1.0 | 1.0 | 1.5 | 1.7 | SMA | 6 | 500 |
| ADA-10700-14500-30/0.25 | 10.7-14.5 | 30 | 0.25 | 1.0 | 6.8 | 2.0 | SMA | 7 | 200 |
| ADA-10700-21200-30/0.25 | 10.7-21.2 | 30 | 0.25 | 1.0 | 9.5 | 2.0 | SMA | 7 | 500 |
| ADA-12000-18000-60/1 | 12.0-18.0 | 60 | 1.0 | 1.0 | 1.5 | 1.7 | SMA | 6 | 500 |
| ADA-17700-21200-30/1 | 17.7-21.2 | 30 | 0.25 | 1.0 | 9.0 | 2.0 | SMA | 7 | 500 |
| ADA-27500-31500-30/0.25 | 27.5-31.5 | 30 | 0.25 | 1.3 | 10.5 | 2.1 | SMA | 7 | 500 |
| ADA-8000-26000-60/1 | 8.0-26.0 | 60 | 1.0 | 1.2 | 10.5 | 2.1 | SMA | 6 | 500 |
| ADA-18000-26000-60/1 | 18.0-26.0 | 60 | 1.0 | 1.0 | 10.0 | 2.1 | SMA | 6 | 500 |
| ADA-18000-40000-60/1 | 18.0-40.0 | 60 | 1.0 | 2.2 | 15.5 | 2.3 | 2.92mm | 6 | 500 |
| ADA-26000-40000-60/1 | 26.0-40.0 | 60 | 1.0 | 2.0 | 15.0 | 2.2 | 2.92mm | 6 | 500 |

We reserve the right to change standard product specifications without notice but will be pleased to consider control drawings for quotation.

Control Components