
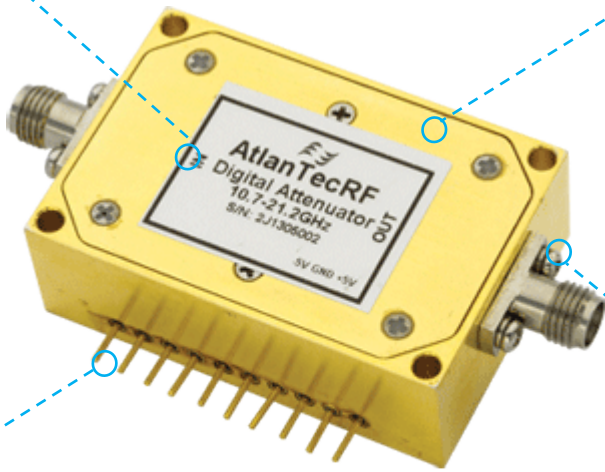


## Digital Control PIN Attenuators

- DC- 40GHz
- Wide Bandwidth
- Fast Response
- Low VSWR
- Miniature Size

 Operating frequency range. DC-40GHz



 Miniature Size

 50 ohms impedance

 Fast Response

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

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.  
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

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	10.5	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	15.5	2.2	2.92mm	6	500

