

## Digital Control Attenuators

### FEATURES:

- ❖ Frequency Range: DC-20GHz
- ❖ Available in binary 4 to 8 bits configuration  
With 0.5dB resolution and up to 64dB total attenuation
- ❖ Precision, reliability and repeatability
- ❖ Economically Priced

### APPLICATIONS:

- ❖ Automatic Gain Control
- ❖ Communications Systems
- ❖ Leveling Circuits
- ❖ Precision Test Equipment
- ❖ Electronic Simulators



### CAD Series

### SPECIFICATIONS:

Model Number	Frequency Range (GHz)	Bit	Insertion Loss (dB) Typ. @ mid Band	Attenuation Range (dB)	Flat-ness (dB)	Attenuation Accuracy (dB) Typ.	VSWR	Operating Temp. (°C)	Supply Voltage (V)	Case Type
CADDC020515TY	DC – 2	5	1.9	15.5	-	± 0.15	1.6	-55 to +85	-8.5V	*
CADDC130631H	DC – 13	6	4.0	31.5	-	± 0.5	1.8	-55 to +85	+/-5V	LN3A-1
CADU1U50990	0.1-0.5	9	10.0	90	± 1.5	-	2.1	0 to +45	±15V	*
CADU5020460HE	0.5 – 2	4	2.0	60	-	± 0.5	1.3	-55 to +85	-	*
CADU5080560HE	0.5-8	5	3.5	60	-	± 0.5	2.0	-55 to +85	-	*
CADU5080616HE	0.5-8	6	4.0	16	-	± 1	2.0	-55 to +85	-	*
CADU5080764HE	0.5-8	7	6.5	64	-	± 1	2.0	-55 to +85	-	*
CADU5180516HE	0.5-18	5	5.0	16	-	± 1	2.0	-55 to +85	-	*
CADU5180515TQ	0.5-18	5	4.0	15.5	-	-	1.6:1	-	-	*
CAD01020732HE	1-2	7	1.4	32	± 1	± 0.5	1.5	-40 to +70	-	*
CAD01020764HE	1-2	7	1.4	64	± 1.5	± 1	1.5	-40 to +70	-	*
CAD01020663T	1-2	6	1.8	63	± 0.5	± 1	1.5	-10 to +60	-	*
CAD01020632HE	1-2	6	3.5	32	-	± 0.5	1.8	-55 to +85	-	*
CAD01020764HE	1-2	7	5.0	64	-	± 0.5	1.8	-55 to +85	-	*
CAD01180632HE	1-18	6	8.0	32	-	± 1	2.0	-55 to +85	-	*
CAD01180764HE	1-18	7	11.0	64	-	± 1.5	2.0	-55 to +85	-	*
CAD02040732HE	2-4	7	1.4	32	± 1	± 0.5	1.6	-40 to +70	-	*
CAD02040764HE	2-4	7	1.6	64	± 1.5	± 1	1.6	-40 to +70	-	*
CAD02040662	2-4	6	1.8	62	± 0.5 typ	± 1 typ	1.5:1	-10 to +60	±5V	MN5
CAD02060632HE	2-6	6	3.8	32	-	± 1	2.0	-55 to +85	-	*
CAD02060764HE	2-6	7	6.0	64	-	± 1	2.0	-55 to +85	-	*
CAD02080460HE	2-8	4	5.0	60	-	± 1	1.8	-55 to +85	-	*

