成都巨人微波 TITAN MICROWAVE INC. A Professional RF & Microwave Components Supplier -

2WPA2-12-127-SF Programmable Attenuator, DC~2GHz 127dB/0.1dB, 12 Cells, 2W

FEATURES

- 🗅 Small Size
- High Accuracy
- High Stability

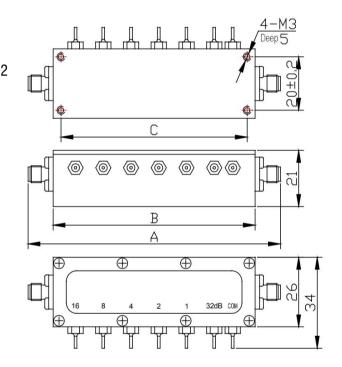
APPLICATIONS

- Laboratory Test and Measurement
- Wireless Communication



Dimensions[mm]

Electrical Specifica	tions	Di	mens
Frequency Range	DC~2GHz		
Impedance	50Ω nominal		
Attenuation Range	$0 \sim 127$ dB in 0.1dB steps		
Attenuation Steps(dB)	0.1, 0.2, 0.4, 0.8, 1, 2, 4, 8, 16, 3	2, 32, 3	32 🖷
Switching Time	6ms		
VSWR	1.6 max		
Accuracy	± 0.8 dB@Attn ≤ 10 dB		
	±1.5dB@16/20/32dB		_
Insertion Loss	6.0dB max		Į.
Average Power	2W		
Operating Voltage	+5V		
Operating Current	100mA/Cell, 50mA/Cell		-
Temperature Range	-55°C~+70°C		
RoHS Status	RoHS Compliant		ſ
Mechanical Specifi	cations		Ц
RF Connector	SMA female		
Connector Body	Gold Plated Brass		
Female Pin	Gold Plated Beryllium Cooper		
Housing	Aluminum, Nickel	Α	158.5
Weight	190g	В	139.5
		С	133.5



 \diamond Test Data is available at an additional cost \diamond

成都巨人激波 TITAN MICROWAVE INC. A Professional RF & Microwave Components Supplier.

DC~2GHz

6ms

2W

+5V

1.6 max

6.0dB max

2.7V~5V

15mA min/Cell

-55°C~+70°C

RoHS Compliant

 50Ω nominal

0.1, 0.2, 0.4, 0.8,

0~127dB in 0.1dB steps

1, 2, 4, 8, 16, 32, 32, 32

±0.8dB@Attn≤10dB

±1.5dB@16/20/32dB

100mA/Cell, 50mA/Cell

2WPA2-12-127-ST Programmable Attenuator, DC~2GHz 127dB/0.1dB, 12 Cells, 2W, TTL

FEATURES

- 🗅 Small Size
- High Accuracy
- High Stability

APPLICATIONS

Frequency Range

Attenuation Range

Switching Time

Insertion Loss

Average Power

Control Voltage

Control Current

Driver Voltage

Driver Current

RoHS Status

Temperature Range

VSWR

Accuracy

Attenuation Steps(dB)

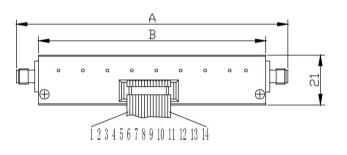
Impedance

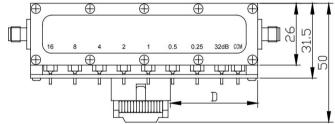
- Laboratory Test and Measurement
- Wireless Communication

Electrical Specifications

	6
	11
C.	

Dimensions[mm]





		I
	А	158.5
	В	139.5
	D	37.5

mechanical opec	IIIcations
RF Connector	SMA female
Control Connector	14 PIN Ribbon Cable
Connector Body	Gold Plated Brass

Mechanical Specifications

Control Connector	14 PIN RIDDON Gable
Connector Body	Gold Plated Brass
Female Pin	Gold Plated Beryllium Cooper
Housing	Aluminum, Nickel
Weight	210g

Co	ntr	ol (Con	ne	C	tor	P	N Lo	cat	ior	IS						
2	4	6	8	10	1 3	12	14										
•	•	٠	٠	•	33	•	•										
•	•	•	•	•		•	•										
1	3	5	7	9	- E	11	13									-	
pin n	lo.		1	1	2	3	4	5	6	7	8	9	10	11	12	13	14
dB. 1	2 Cell	S	3	2	2	16	4	СОМ	8	0.4	V+	0.2	0.8	0.1	1	32	32

♦ N: Not Connected, COM: 0V, V+:Operating Voltage ♦

成都巨人微波 TITAN MICROWAVE INC. A Professional RF & Microwave Components Supplier -

2WPA2-12-127-SR Programmable Attenuator, DC~2GHz 127dB/0.1dB, 12 Cells, 2W, RS232

FEATURES

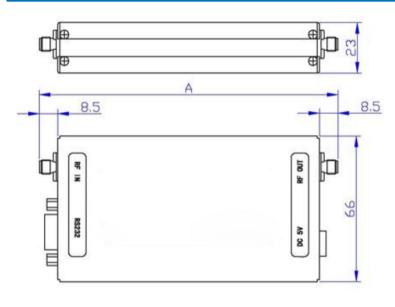
- 🗅 Small Size
- High Accuracy
- High Stability

APPLICATIONS

- Laboratory Test and Measurement
- Wireless Communication



Dimensions[mm]



Electrical Specifications

DC~2GHz
50 Ω nominal
0~127dB in 0.1dB steps
0.1, 0.2, 0.4, 0.8,
1, 2, 4, 8, 16, 32, 32, 32
6ms
1.6 max
±0.8dB@Attn≤10dB
±1.5dB@16/20/32dB
6.0dB max
2W
AC~220V/5V
-55°C~+70°C
RoHS Compliant
ations
SMA female
RS-232
Gold Plated Brass
Gold Plated Beryllium Cooper
Aluminum, Anodic Oxidation
158.5×66×23mm

 \diamond Test Data is available at an additional cost \diamond