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

2WPA1-10-64.5-SF Programmable Attenuator, DC~1GHz 64.5dB/0.1dB, 10 Cells, 2W

FEATURES

- Small Size
- High Accuracy
- High Stability

APPLICATIONS

- Laboratory Test and Measurement
- Wireless Communication

Electrical Specifications



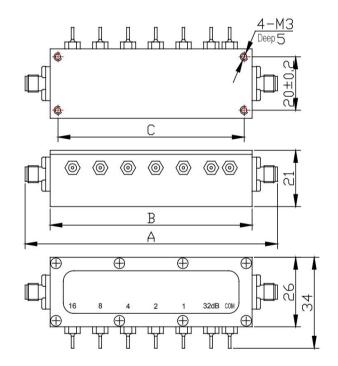
Dimensions[mm]

137.5 А В

118.5

112.5 С

tions							
DC~1GHz							
50 $Ω$ nominal							
0~64.5dB in 0.1dB steps							
0.1, 0.2, 0.4, 0.8, 1, 2, 4, 8, 16, 3							
6ms							
1.3 max							
± 0.4 dB@Attn ≤ 10 dB							
±1.2dB@16/20/32dB							
3.5dB max							
2W							
+5V							
100mA/Cell, 50mA/Cell							
-55°C~+70°C							
RoHS Compliant							
Mechanical Specifications							
SMA female							
Gold Plated Brass							
Gold Plated Beryllium Cooper							
Aluminum, Nickel							
160g							



♦ Test Data is available at an additional cost

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

2WPA1-10-64.5-ST Programmable Attenuator, DC~1GHz 64.5dB/0.1dB, 10 Cells, 2W, TTL

FEATURES

- Small Size
- High Accuracy
- High Stability

APPLICATIONS

- Laboratory Test and Measurement
- Wireless Communication

Electrical Specifications

Frequency Range	DC~1GHz							
Impedance	50Ω nominal							
Attenuation Range	0~64.5dB in 0.1dB steps							
Attenuation Steps(dB)	0.1, 0.2, 0.4, 0.8, 1, 2, 4, 8, 16, 32							
Switching Time	6ms							
VSWR	1.3 max							
Accuracy	±0.4dB@Attn≤10dB							
	±1.2dB@16/20/32dB							
Insertion Loss	3.5dB max							
Average Power	2W							
Control Voltage	+5V							
Control Current	100mA/Cell, 50mA/Cell							
Driver Voltage	2.7V~5V							
Driver Current	15mA min/Cell							
Temperature Range	-55°C~+70°C							
RoHS Status	RoHS Compliant							
Machanical Specifications								

Mechanical Specifications

RF Connector	SMA female
Control Connector	14 PIN Ribbon Cable
Connector Body	Gold Plated Brass
Female Pin	Gold Plated Beryllium Cooper
Housing	Aluminum, Nickel
Weight	180g

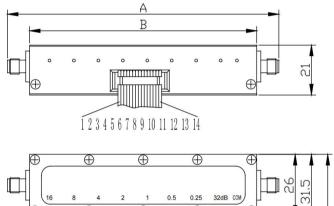


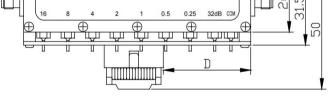
Dimensions[mm]

A 137.5

118.5 D 37.5

В





	1																
C	ont	rol		Co	nr	iec	tor	PI	N Lo	cat	ior	18					
2	4	6	ł	1	3	10	12	14									
•		•	•		•	•	•	•									
•)	_		•	•	•									
1	00	5	5		7	9	11	13									
PIN	No.				1	2	3	4	5	6	7	8	9	10	11	12	13
dB,	10 C	ells			16	32	8	Ν	COM	V+	Ν	0.8	0.4	1	0.2	2	4

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

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

2WPA1-10-64.5-SR Programmable Attenuator, DC~1GHz 64.5dB/0.1dB, 10 Cells, 2W, RS232

FEATURES

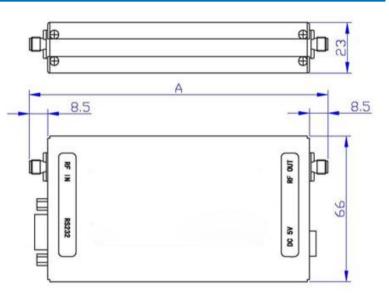
- Small Size
- High Accuracy
- High Stability

APPLICATIONS

- Laboratory Test and Measurement
- Wireless Communication

Electrical Specifica	tions
Frequency Range	DC~1GHz
Impedance	50Ω nominal
Attenuation Range	$0\sim$ 64.5dB in 0.1dB steps
Attenuation Steps(dB)	0.1, 0.2, 0.4, 0.8, 1, 2, 4, 8, 16, 32
Switching Time	6ms
VSWR	1.3 max
Accuracy	± 0.4 dB@Attn ≤ 10 dB
	±1.2dB@16/20/32dB
Insertion Loss	3.5dB max
Average Power	2W
Voltage	AC~220V/5V
Temperature Range	-55°C~+70°C
RoHS Status	RoHS Compliant
Mechanical Specifi	cations
RF Connector	SMA female
Control Connector	RS-232
Connector Body	Gold Plated Brass
Female Pin	Gold Plated Beryllium Cooper
Housing	Aluminum, Anodic Oxidation
Size	137.5×66×23mm
Weight	220g

Dimensions[mm]



♦ Test Data is available at an additional cost