

## FEATURES

- Small Size
- High Accuracy
- High Stability

## APPLICATIONS

- Laboratory Test and Measurement
- Wireless Communication



## Electrical Specifications

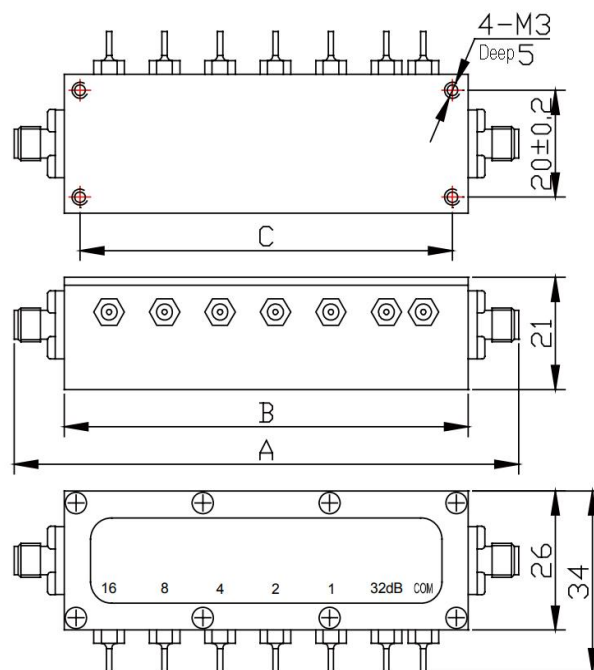
Frequency Range	DC~3GHz
Impedance	50Ω nominal
Attenuation Range	0~64.5dB in 0.1dB steps
Attenuation Steps(dB)	0.1, 0.2, 0.4, 0.8, 1, 2, 4, 8, 16, 32
Switching Time	6ms
VSWR	1.55 max
Accuracy	±0.8dB@Attn≤10dB ±1.5dB@16/20/32dB
Insertion Loss	6.0dB max
Average Power	2W
Operating Voltage	+5V
Operating Current	100mA/Cell, 50mA/Cell
Temperature Range	-55°C~+70°C
RoHS Status	RoHS Compliant

## Mechanical Specifications

RF Connector	SMA female
Connector Body	Gold Plated Brass
Female Pin	Gold Plated Beryllium Cooper
Housing	Aluminum, Nickel
Weight	160g

◇ Test Data is available at an additional cost ◇

## Dimensions [mm]



A	137.5
B	118.5
C	112.5

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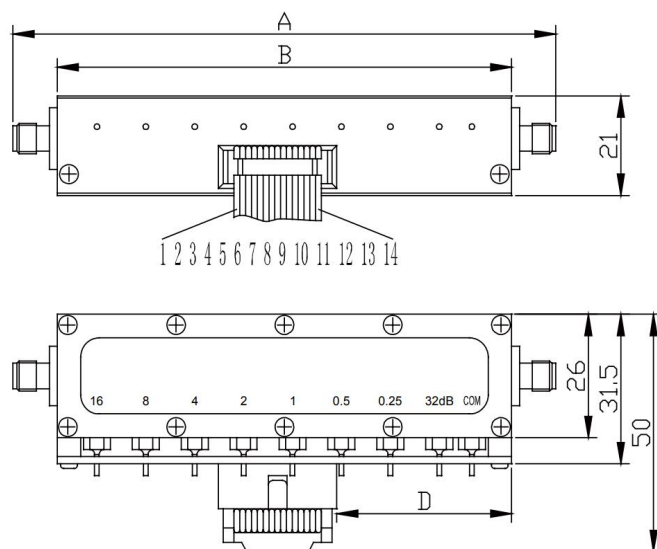
## Electrical Specifications

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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	1.55 max
Accuracy	±0.8dB@Attn≤10dB ±1.5dB@16/20/32dB
Insertion Loss	6.0dB 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

## Mechanical Specifications

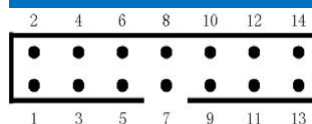
RF Connector	SMA female
Control Connector	14 PIN Ribbon Cable
Connector Body	Gold Plated Brass
Female Pin	Gold Plated Beryllium Cooper
Housing	Aluminum, Nickel
Weight	180g

## Dimensions [mm]



A	137.5
B	118.5
D	37.5

## Control Connector PIN Locations



PIN No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
dB, 10 Cells	16	32	8	N	COM	V+	N	0.8	0.4	1	0.2	2	4	0.1

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

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Attenuation Steps(dB)	0.1, 0.2, 0.4, 0.8, 1, 2, 4, 8, 16, 32
Switching Time	6ms
VSWR	1.55 max
Accuracy	±0.8dB@Attn≤10dB ±1.5dB@16/20/32dB
Insertion Loss	6.0dB max
Average Power	2W
Voltage	AC~220V/5V
Temperature Range	-55°C~+70°C
RoHS Status	RoHS Compliant

## Mechanical Specifications

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

◇ Test Data is available at an additional cost ◇

## Dimensions [mm]

