

## FEATURES

- Small Size
- High Accuracy
- High Stability

## APPLICATIONS

- Laboratory Test and Measurement
- Wireless Communication



## Electrical Specifications

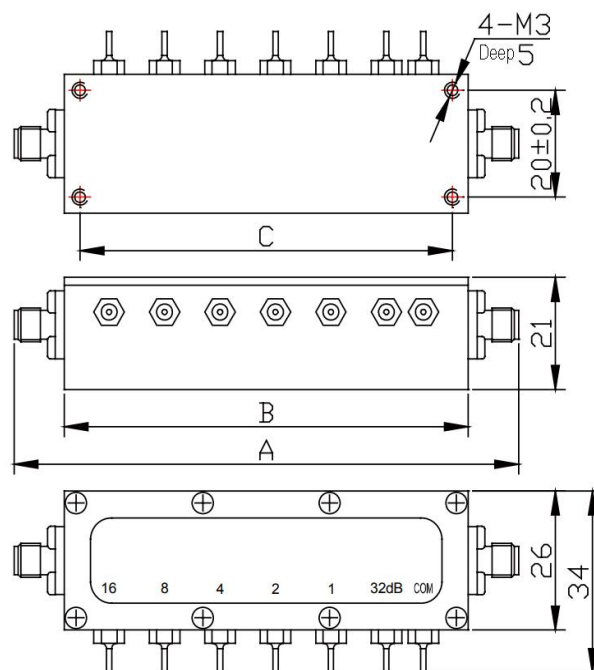
Frequency Range	DC~1GHz
Impedance	50Ω nominal
Attenuation Range	0~70dB in 10dB steps
Attenuation Steps(dB)	10, 20, 20, 20
Switching Time	6ms
VSWR	1.25 max
Accuracy	±0.3dB@Attn≤10dB ±1.0dB@16/20/32dB
Insertion Loss	1.5dB max
Average Power	2W
Operating Voltage	+5V
Operating Current	100mA/Cell, 50mA/Cell
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	80g

◇ Test Data is available at an additional cost ◇

## Dimensions [mm]



A	74.5
B	55.5
C	49.5

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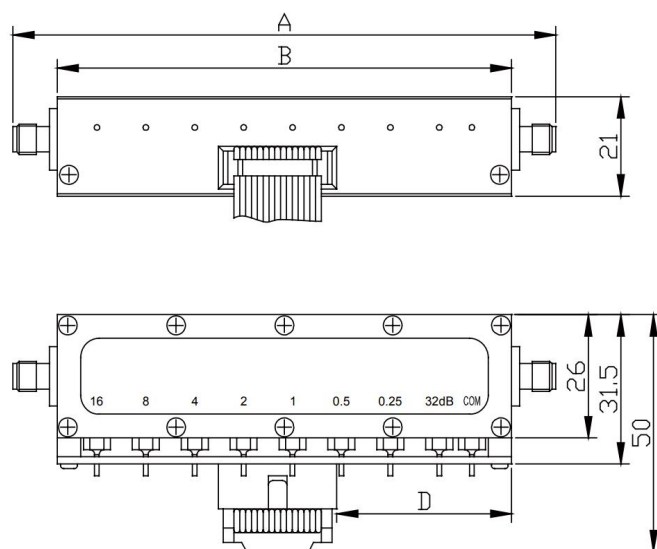
## Electrical Specifications

Frequency Range	DC~1GHz
Impedance	50Ω nominal
Attenuation Range	0~70dB in 10dB steps
Attenuation Steps(dB)	10, 20, 20, 20
Switching Time	6ms
VSWR	1.25 max
Accuracy	±0.3dB@Attn≤10dB ±1.0dB@16/20/32dB
Insertion Loss	1.5dB max
Average Power	2W
Control Voltage	+5V
Control Current	100mA/Cell, 50mA/Cell
Driver Voltage	2.5V~5V
Driver Current	15mA min/Cell
Temperature Range	-55°C~+70°C
RoHS Status	RoHS Compliant

## Mechanical Specifications

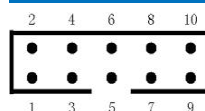
RF Connector	SMA female
Control Connector	10 PIN Ribbon Cable
Connector Body	Gold Plated Brass
Female Pin	Gold Plated Beryllium Cooper
Housing	Aluminum, Nickel
Weight	95g

## Dimensions [mm]



A	74.5
B	55.5
D	29

## Control Connector PIN Locations



PIN No.	1	2	3	4	5	6	7	8	9	10
dB, 4 Cells	V+	5	COM	10	N	20	N	20	N	N

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

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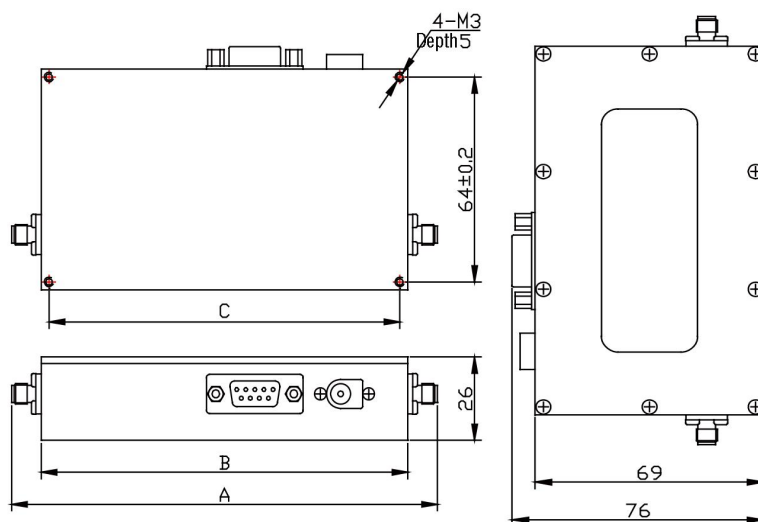
## Electrical Specifications

Frequency Range	DC~1GHz
Impedance	50Ω nominal
Attenuation Range	0~70dB in 10dB steps
Attenuation Steps(dB)	10, 20, 20, 20
Switching Time	6ms
VSWR	1.25 max
Accuracy	±0.3dB@Attn≤10dB ±1.0dB@16/20/32dB
Insertion Loss	1.5dB 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
Weight	205g

## Dimensions [mm]



A	115.5
B	96.5
C	91.5

◇ Test Data is available at an additional cost ◇