

## NDA-2000-18000-60-10

2~18GHz, 60dB, 10dB

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| <b>Features:</b><br>* Broadband<br>* High Dynamic Range | <b>Applications:</b><br>* Wireless<br>* Transmitter<br>* Laboratory Test<br>* Radar |
|---|---|

### Electrical

Frequency:	2~18GHz
Insertion Loss:	14dB max.
Attenuation Flatness:	±3.5dB max.
Control Bits:	3
Step:	10dB
Attenuation Range:	0~60dB
Attenuation Accuracy:	±4% of attenuation setting max.
Switching Time:	500nS max.
Input VSWR:	2.2 max.
Output VSWR:	2.2 max.
Voltage:	-5V
Current:	0.1A typ.
Input Power Without Damage:	20dBm

### Mechanical

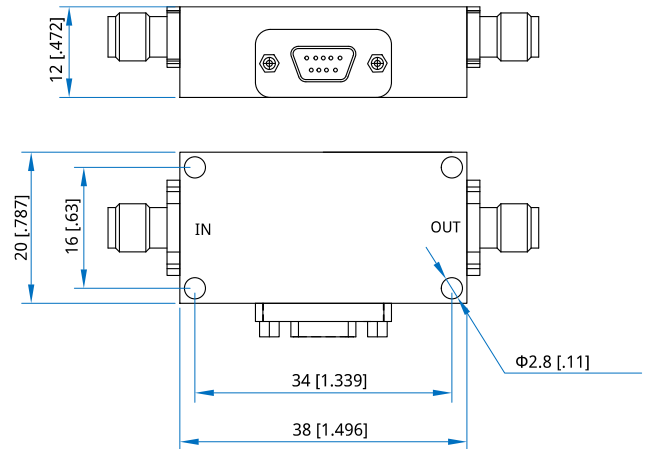
Size*1:	38*20*12mm 1.496*0.787*0.472in
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors:	J30J-9ZKP
Housing Material:	Aluminum
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

### Environmental

Operating Temperature:	-40~+60°C
Non-operating Temperature:	-55~+70°C

### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.2mm [±0.008in]

### Pin Numbering

Pin	Function	Pin	Function
1	NC	6	20dB
2	-5V	7	30dB (MSB)
3~4	GND	8~9	NC
5	10dB (LSB)		

### How To Order

**NDA-2000-18000-60-10**

Customization is available upon request.