

**NDA-0-18000-110-10**  
DC~18GHz, 110dB, 10dB

- |                             |                   |
|-----------------------------|-------------------|
| Features:                   | Applications:     |
| * Low VSWR                  | * Wireless        |
| * High Attenuation Flatness | * Transmitter     |
|                             | * Laboratory Test |
|                             | * Radar           |

**Electrical**

Frequency:	DC~18GHz
Attenuation Range:	0~110dB
Step:	10dB
Average Power:	+30dBm max.
Impedance:	50Ω
Voltage:	24V DC
Current:	2A min.

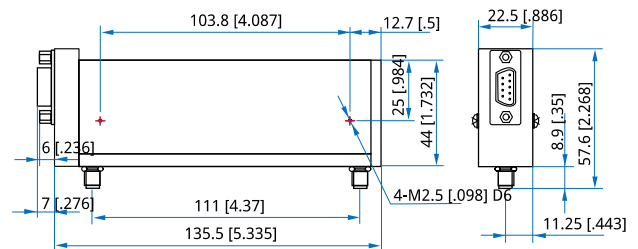
**Mechanical**

Size*1:	135.5*44*22.5mm 5.335*1.732*0.886in
RF Connectors:	SMA Female
Power Supply & Control	DB9F
Interface Connectors:	

**Environmental**

Operating Temperature: -20~+70°C

**Outline Drawings**



Unit: mm [in]  
Tolerance: ±2mm [±0.08in]

**How To Order**  
[NDA-0-18000-110-10](#)

Customization is available upon request.

**Attenuation Accuracy and VSWR**

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)				VSWR (max.)	Insertion Loss (max.)
	11	50	90	110		
DC~8	±0.8	±1.6	±3.2	±4.0	1.6	0.6+0.09/GHz
DC~12.4	±0.8	±2.1	±3.2	±4.5	1.6	
DC~18	±1.0	±2.1	±3.7	±4.5	1.75	