

# FI-DA-100-18000-1

## 0.1~18GHz

**Features:**

- \* Broadband
- \* High Dynamic Range

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test
- \* Radar

**Description**

This is a 4 channels programmable attenuator system is ideal for a wide range of signal level control applications including transmission loss simulation, signal fading and MIMO measurements. The 100 MHz to 18 GHz operating bandwidth incorporates most of the common communications bands, supporting applications in LTE, 4G / 5G, IoT, Bluetooth, Zigbee, WiFi 6E and many more. Each of the 4 independently controlled attenuator channels provides 0 to 60 dB attenuation between channels. The system is housed in a compact, 2U height, 19-inch rack chassis, with SMA connectors on the front panel. The system can be controlled via Ethernet (supporting HTTP).

**Electrical**

Frequency:	0.1~18GHz
Insertion Loss:	9dB max.
Attenuation Range:	0~63dB
Attenuation Accuracy:	±0.4dB typ. @1~10dB ±0.8dB typ. @10.25~30dB ±1.5dB typ. @30.25~63dB
Step:	0.25dB min.
VSWR:	2 max.
Input Power:	25dBm max

**Mechanical**

Size <sup>*2</sup> :	610*482*88mm 24.016*18.976*3.465in
RF Connectors:	SMA Female
Power Supply Connectors:	Three-phase plugs
Control Interface:	LAN, Front Panel Buttons

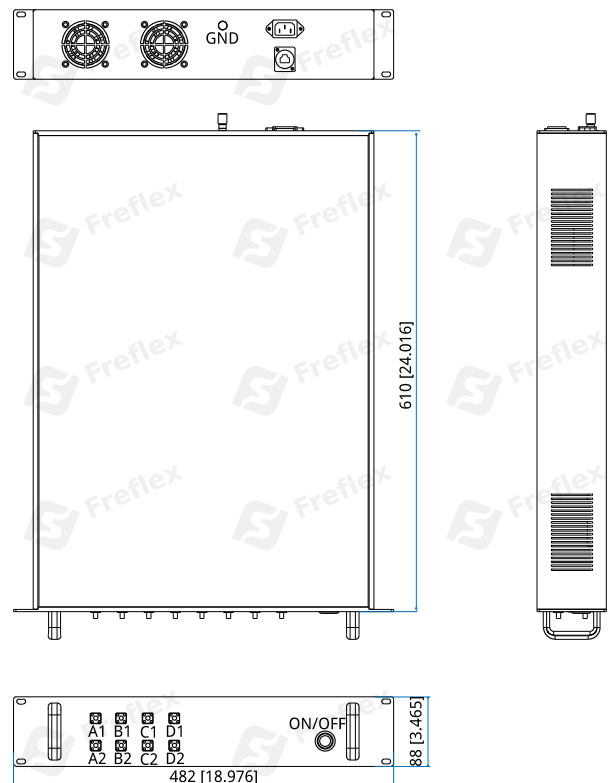
[2] Exclude connectors, rack mount brackets, handles.

**Environmental**

Operating Temperature:	0~+50°C
Non-operating Temperature:	0~+65°C

**How To Order**
**FI-DA-100-18000-1**

Customization is available upon request.

**Outline Drawings**


Unit: in[mm]

Tolerance: ±0.2in [±0.008mm]

\*This is a draft outline, which may be changed.