

# QI-DA-10-13000-1

## 0.01~13GHz

### Features:

- \* Broadband
- \* High Dynamic Range

### Applications:

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

### Description

This is a 4 channels programmable attenuator system are ideal for a wide range of signal level control applications including transmission loss simulation, signal fading and MIMO measurements. The 10 MHz to 13 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:	0.01~13GHz
Insertion Loss:	8dB max.
Attenuation Range:	0~60dB
Attenuation Accuracy:	±0.4dB typ. @1~10dB ±0.8dB typ. @10.25~30dB ±1.5dB typ. @30.25~60dB
Step:	0.5dB min.
VSWR:	2 max.
Input Power:	25dBm max

### Mechanical

Size*2:	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

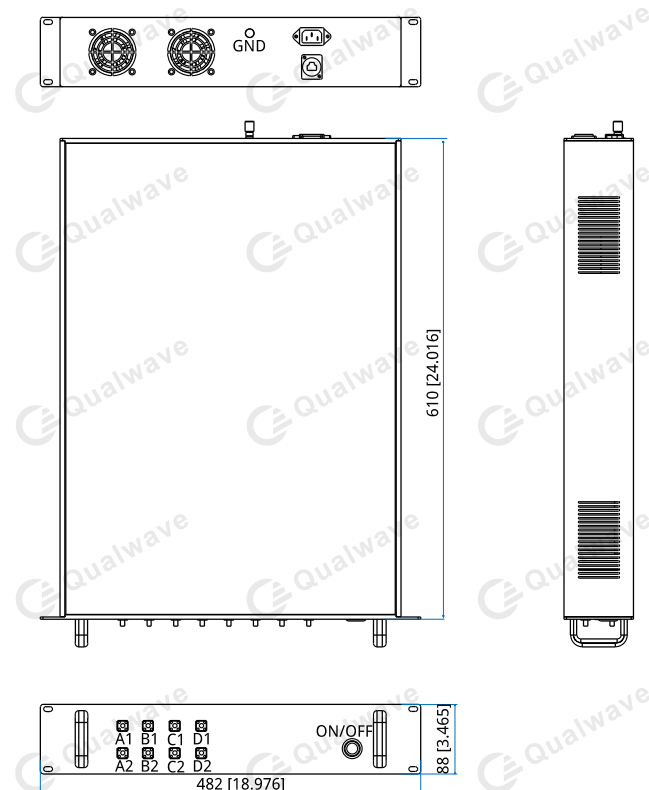
Operating Temperature:	0~+50°C
Non-operating Temperature:	0~+65°C

### How To Order

**QI-DA-10-13000-1**

Customization is available upon request.

### Outline Drawings



Unit: in[mm]

Tolerance: ±0.2in [±0.008mm]

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