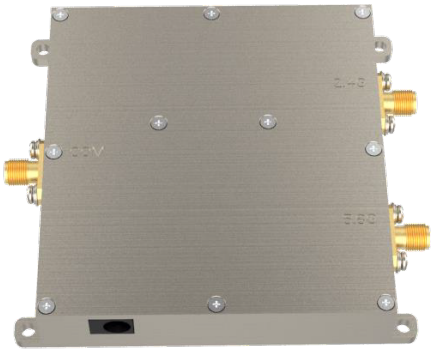
DATASHEET



Description

This 2.4&5GHz WLAN signal booster is designed for IEEE 802.11 n/ac Wireless LAN applications. It adopts the direct sequence spread spectrum(DSSS) and orthogonal frequency division multiplexing (OFDM) technology of WLAN communication. The product is compatible with time division duplexing (TDD) method of WLAN and using rapid microwave detection technology to provide high linearity amplification. The signal booster can work with most WLAN/Wi-Fi devices and increase the WLAN signal strength, therefore a larger WLAN coverage and more stable transmission rate.

Applications

- 2.4&5GHz wireless LAN access points and clients
- 2.4&5GHz WLAN base station
- 2.4&5GHz WLAN bridge

Specifications

- Frequency Range: 2400-2500MHz, 5150-5850 MHz
- Operating Voltage: 12V
- Receiving Gain: 12dB±1
- Transmission Gain: 18dB±1
- Input Trigger Power: Min: 8dBm Max: 24dBm
- Maximum Output Power (P1dB): 40±1dBm@ 2400-2500MHz; 39±1dBm@5150-5850 MHz
- Operating Current：680mA@Pout 32dBm 12V
- Noise Figure: ≤2.5dB@ 2400-2500MHz; ≤3.5dB@ 5150-5850MHz
- TX/RX Switch Time Delay: ≤1us
- LED Indicator: Transmitter: Green; Receiver: Red
- Operating Ambient Temperature: -20℃～+60℃
- Operating Humidity: ＜95%RH
- Dimension: 89mm×82mm×16mm
- Net Weight: 188g
- Power Supply Port: DC
- RF interface：SMA external thread internal hole

Dimension