

DATASHEET

Description



This 1.6-2.5GHz 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

- 1.6-2.5GHz wireless LAN access points and clients
- 1.6-2.5GHz WLAN base station
- 1.6-2.5GHz WLAN bridge
- Drone, Image transmission, Aeromodelling, etc.

Specifications

- Frequency Range: 1600-2500MHz
- Operating Voltage: 12V
- Receiving Gain: 14dB±1
- Transmission Gain: 20dB±1
- Input Trigger Power: Min: 8dBm Max: 20dBm
- Maximum Output Power (P1dB): 37dBm
- EVM: 3%@30dBm 802.11g 54Mbps OFDM 64QAM BW 20MHz
- Noise Figure: ≤3.0dB
- TX/RX Switch Time Delay: ≤1us
- LED Indicator: Transmitter: Green; Receiver: Red
- Operating Ambient Temperature: -20°C~+60°C
- Operating Humidity: <95%RH
- Power Supply Port: DC