2.4G/5.8G WIFI Booster

Applications

IEEE 802.11a/ b/g/n/ac WLAN System

Smart Home Systems Signal Extender

Drone Signal Extender

Features

Working with certified IEEE 802.11a/b/g/n/ac Wireless LAN devices

Simply plug and play, no software is required

Parameters

Number	Items	Specifications	
1	Frequency Range	2400-2500MHz	5725-5850MHz
2	Operating Voltage	6-16V	
3	Receiving Gain	17dB±1	15dB±1
4	Transmission Gain:	18dB±1	18dB±1
5	Max Output Power(P1dB)	36dBm(4W)	36dBm(4W)
6	Input Trigger Power	Min:5dBm Max:23dBm	Min:5dBm Max:23dBm
7	EVM	3%@27dBm 802.11g 54Mbps OFDM 64QAM BW 20MHz	3%@27dBm 802.11a54Mbps OFDM 64QAM BW 20MHz
8	Noise Figure	＜3.0dB	＜4.0dB
9	Current Supply	680mA@Pout 27dBm 12V	550mA@Pout 27dBm 12V
10	TX/RX Switch Time Delay	＜1 us	
11	LED Indicator	Transmitter: Red; Receiver: Green	
12	Operating Temperature	-30℃～+70℃	
13	Storage Temperature	-40℃～+150℃	
14	Operating Humidity	Up to 95% rel. humidity	
15	RF Connector	Input: SMA-K; Output: RP-SMA-K	
16	Power Socket	2.5*0.7mm	
17	Shell Size	75*62*11.5(mm)	
18	Shell Material	Aluminum	
19	Net Weight	0.15Kg	

Attentions

1 12V /1A power supply.

2 Heat dissipation is recommended, such as adding heat sink or radiator fan.

3 Antenna should be screwed first, then plug the power adapter, finally connect the device.

4 The output could reach 36dBm, when input power is 18dBm or 19dBm (default gain is 18dB).