2.4GHz 5W Signal Booster

Applications

IEEE 802.11 b/g/n WLAN System

Bluetooth/Zigbee Signal Extender

Smart Home Systems Signal Extender

Wireless Cameras Signal Extender

Features

60X the power, improving the link quality and coverage of certified WLAN devices

2.5dB ultra-low noise

Wide 6V to 18V operating input range

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

Simply plug and play, no software is required

Parameters

Number	Items	Specifications
1	Frequency Range	2400-2500MHz
2	Operating Voltage	6-18V
3	Receiving Gain	16dB±1
4	Transmission Gain:	18dB±1
5	Max Output Power(P1dB)	37dBm(5W)
6	Input Trigger Power	Min:3dBm Max:20dBm
7	EVM	3%@29dBm 802.11g 54Mbps OFDM 64QAM BW 20MHz
8	Noise Figure	＜2.5dB
9	Current Supply	640mA@Pout 29dBm 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	5.5*2.1mm
17	Shell Size	98.5*66.0*28.0(mm)
18	Shell Material	Aluminum
19	Net Weight	0.27Kg

Attentions

1 12V /1.5A 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 37dBm, when input power is 19dBm or 20dBm (default gain is 18dB).