

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
Drone 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°C ~ +70°C
13	Storage Temperature	-40°C ~ +150°C
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).
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