

5.8GHz 5W Signal Booster

Applications

IEEE 802.11a/n/ac WLAN System
Smart Home Systems Signal Extender
Wireless Cameras Signal Extender
Drone Signal Extender



Features

100X the power, improving the link quality and coverage of certified WLAN devices
3.0dB ultra-low noise
Wide 6V to 18V operating input range
Working with certified IEEE 802.11a/n/ac Wireless LAN devices
Simply plug and play, no software is required

Parameters

| Number | Items | Specifications |
|--------|-------------------------|---|
| 1 | Frequency Range | 5150-5850MHz |
| 2 | Operating Voltage | 6-18V |
| 3 | Receiving Gain | 15dB ± 1 |
| 4 | Transmission Gain: | 18dB ± 1 |
| 5 | Max Output Power(P1dB) | 37dBm(5W) |
| 6 | Input Trigger Power | Min:3dBm Max:18dBm |
| 7 | EVM | 3%@29dBm 802.11a 54Mbps OFDM 64QAM BW 20MHz |
| 8 | Noise Figure | <3.0dB |
| 9 | Current Supply | 610mA@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: N-K; Output: N-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 | 0.30Kg |

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 17dBm or 18dBm (default gain is 20dB).
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