

5.8GHz 20W Signal Booster

Applications

FPV Signal Extender

Drone Signal Extender

Features

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

2.5dB ultra-low noise

Wide 12V to 24V operating input range

Simply plug and play, no software is required



Parameters

| Number | Items | Specifications |
|--------|-------------------------|---|
| 1 | Frequency Range | 5150-5850MHz |
| 2 | Operating Voltage | 12-24V |
| 3 | Receiving Gain | 18dB ± 1 |
| 4 | Transmission Gain: | 18dB ± 1 |
| 5 | Max Output Power(P1dB) | 43dBm(20W) |
| 6 | Input Trigger Power | Min:3dBm Max:25dBm |
| 7 | EVM | 3%@37dBm 802.11g 54Mbps OFDM 64QAM BW 20MHz |
| 8 | Noise Figure | <2.5dB |
| 9 | Current Supply | 2.6A@Pout 37dBm 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: SMA-K |
| 16 | Power Socket | 5.5*2.1mm |
| 17 | Shell Size | 104*60*17(mm) |
| 18 | Shell Material | Aluminum |
| 19 | Net Weight | 0.27Kg |