

5.8GHz 20W Signal Booster

Applications

FPV 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 $\pm$ 1
4	Transmission Gain:	18dB $\pm$ 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℃ $\sim$ +70℃
13	Storage Temperature	-40℃ $\sim$ +150℃
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