

## 2.4GHz 50W Signal Booster

### Applications

Smart Home Systems Signal Extender

Wireless Cameras 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	2400-2500MHz
2	Operating Voltage	12-24V
3	Receiving Gain	15dB $\pm$ 1
4	Transmission Gain:	24dB $\pm$ 1
5	Max Output Power(P1dB)	47dBm(50W)
6	Input Trigger Power	Min:5dBm Max:23dBm
7	EVM	3%@39dBm 802.11g 54Mbps OFDM 64QAM BW 20MHz
8	Noise Figure	<2.0dB
9	Current Supply	4.5A@Pout 45dBm 24V
10	TX/RX Switch Time Delay	<1 us
11	LED Indicator	Transmitter: red; Receiver: Green
12	Operating Temperature	-30 $^{\circ}$ C $\sim$ +70 $^{\circ}$ C
13	Storage Temperature	-40 $^{\circ}$ C $\sim$ +150 $^{\circ}$ C
14	Operating Humidity	Up to 95% rel. humidity
15	RF Connector	Input: SMA-K; Output: SMA-K
16	Power Socket	18AWG cable, length 20cm, XT30U-M connector
17	Shell Size	118*60*17(mm)
18	Shell Material	Aluminum
19	Net Weight	0.21Kg