

使通科技股份有限公司

TM6111F 2.4GHz High power Booster for extending Communication Distance

Introduction

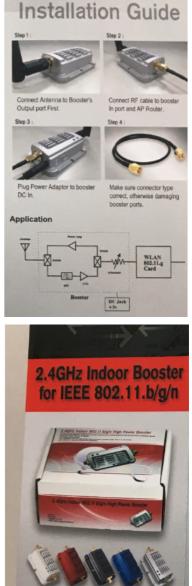
TM6111F is an indoor 2.4 GHz high power booster full pack, including a 1 Watt booster, RF Cable, power adaptor 120-240V, and an installation guide.

It is full TDD duplex. It will be always in listen mode, and switch to Tx mode while the input power >2dBm to Booster. The switching time is 2ms < preamble timing in IEEE802.11.b/g/n.

The booster is good for long distance application in WiFi, Zigbee, etc..

Applications and Notes

- 1. The booster is a bidirectional, with Tx/Rx mode. Always in Listen mode (Rx mode), except Tx requested by system.
- 2. The output power is 30dBm at P1dB point while input power is 8 dBm while its Gain is 22dB.
- 3. There is a Pei-Attenuator (3 resistors) to adjust the Gain to get best power out.
- The 1st step of installation procedure is connecting Antenna to Booster, and then turn "power" on to prevent the output RF power reflected destroys the output stage of Booster.
- 5. The LED light indicates normal power on and blinking is in Transmitting mode.



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