# 1.5G 1.5Ghz 50W GAN Power RF detect module for anti drone system autel mavic fpv C UAS djis countermeasure amplifier

Our Product Introduction

for more products please visit us on chinaantidrone.com

## Basic Information

- Place of Origin:      China
- Brand Name:      MYT
- Model Number:      1.5G 1.5Ghz 50W GAN Anti Drone Module
- Minimum Order Quantity:      1
- Delivery Time:      10 work days
- Payment Terms:      L/C, T/T
- Supply Ability:      10000 units per month
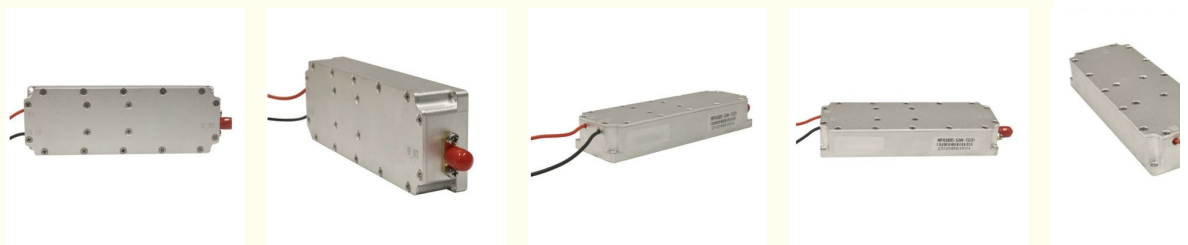
Frequency 1.5G

Power 50W

## Product Specification

- Frequency:      433mhz,800mhz,900mhz, 1.2G,1.4G,1.5G,2.4G,5.2G,5.8G
- Power:      20W,30W,40W, 50W,100W
- Supply Voltage:      DC 27-28V+
- Length:      117.1*25.6*16mm
- Highlight:      **1.5g anti drone module**, **1.5g drone jamming module**, **50w anti drone module**

## More Images

## Product Description

**1.5G 1.5Ghz 50W GAN Power RF detect module for anti drone system autel mavic fpv C UAS djis countermeasure amplifier**

**1, Functional highlight**

1) The power amplifier uses domestic core key components and can operate normally at temperatures of -10 ~ +55°C.
2) This document stipulates the radio frequency and monitoring technical indicators of the 1.5GHz 50W power amplifier module, the definition of each port of the module, the appearance and structure of the module, etc.

Our Produc

3) This document applies to all aspects of product design, verification, production and quality inspection of the 1.5GHz 50W power amplifier module.

HPA5800-50W-SG01
23120458O0004

## 2, Specification

| Test Item | | Indicator | Remark |
|---|---|---|---|
| Frequency Range | | 1.5Ghz | Built-in interference source |
| Working Voltage | | 30V | 24-32V |
| Max Output Power | | 45±0.5dBm | 1.5G 50W |
| Working Efficiency | | ≥60% | |
| Gain | | 45±1dB | peak-to-peak value |
| Passband Ripple | | ≤2dB | peak-to-peak value |
| High-Low Temperature Test | Working Temperature | -10~ +55°C | It can start at low temperatures |
| | Gain Stability | ±1.5 | |
| | Power Stability | ±1.5 | |
| Power supply requirements | | ≥3.7A | Continuous wave output 50W |
| Power supply interface | | | Red + and black- |
| Enable | | | White line high level on, low level off |
| RF Connector | | SMA | SMA external screw base |
| Size | | 37.311219.5mm | Excluding SMA |
| Weight | | 136g | |

## 3, After-Sales service

Lifetime free model library upgrades, profesdional 24/7online service, customizable colors and languages.

## 4, Certification Certificate

### 5, Company profile

   Chongqing Miao Yi Tang Technology Co., Ltd. is a cutting-edge enterprise forged through collaboration between the Internet of Things Research and Development Center of the Chinese Academy of Sciences, Sichuan University Zhisheng Software Co., Ltd. (002253), and a dedicated founding team backed by a $12 million investment.

   Leveraging the robust scientific research capabilities of the Chinese Academy of Sciences and the industry-defining expertise of Sichuan University, MYT technology is dedicated to pioneering advancements in the national security domain through the application of Internet of Things and artificial intelligence technologies. Our focus lies in AIoT research and development, spearheading the creation of an independent AIoT cloud+edge computing system architecture. This breakthrough architecture facilitates the seamless integration of heterogeneous perception information-such as electromagnetic, optoelectronic, visual, and location data—culminating in a comprehensive three-dimensional defensesystem against intrusion.

   Our mission is to enable intelligent detection, behavior analysis, situation assessment, and precise response across all security facets within ground and low-altitude environments. By transitioning from passive to active defense strategies and fostering a paradigm shift from partial to comprehensive protection, we aim to elevate anti-intrusion security systems to new heights.



### 7, Partnership Portfolio

 Our products are designed for a variety of public safety scenarios and have long provided customized product services to the military and public safety departments, earning an excellent reputation in practical operations.

**8, Paking and Delivery**

   Supports various logistics methods including shipping, air freight, water transport, and express delivery, covering logistics in 90% of the global regions.