

2.4Ghz 10W GaN Power RF detect module for anti drone system Autel Mavic 3 counter FPV C-UAS DJI countermeasure

Our Product Introduction

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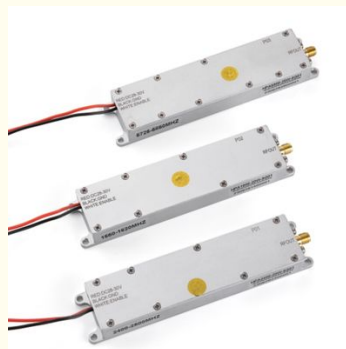
Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: 2.4Ghz 10W GaN Anti Drone Module
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: TT, LC
- Supply Ability: 10000 units per month

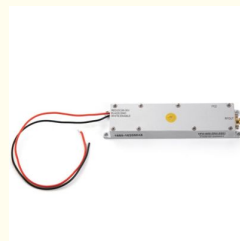


Product Specification

- 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+
- Dimensions: 170*94*26.5mm
- Highlight: 2.4ghz anti drone module, 2.4ghz drone jamming module, 10w anti drone module



More Images



Product Description

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1, Functional highlight

Interface form:

- 1) Power supply conditions: +30V power supply: 7W2 (male)
- 2) RF input interface: SMA-KFD (optional)

Our Product

3) RF output interface: N-KFD

4) Control interface:

- 7W2 (male) socket: The first pin is connected to the power amplifier enable PA_sw (high level 5V/3.3V power amplifier turns on, low level or floating, the power amplifier turns off)
- Feedthrough capacitor: From top to bottom, they are SRC_SW (internal signal source switch 5V/3.3V on, floating or grounded signal source off), PS_SW (internal and external signal source switch, low level is the built-in source, high level 5V/3.3V switch to external source)

Mounting hole diameter: Leave 4 Φ 4.5mm through holes at the mounting holes for mounting M3 screws

2, Specification

Frequency	5725-5850Mhz
Output Power (dBm)	50dBm
In-band group delay	$\leq 1\mu s$
Power Gain	45 \pm 1.0 (external input 9dBm, power amplifier output 50dBm)
In-band fluctuation (dB)	≤ 2.5 (peak-to-peak value)
Input voltage standing wave ratio	≤ 1.35
Output voltage standing wave ratio	≤ 1.3
Supply voltage Typical	+30Vdc
Supply voltage Range	24-36V
Supply current	+30Vdc@100W \leq 6.5A
Output RF connector	N-50KFD
Size	170x94x26.5mm (excluding connectors)
Built-in feature	High-efficiency modulation sweep
Input signal source	Internal signal source, which can also be connected to external sources
Power input and GND	A1 is the 30V power input, A2 is GND
PA_SW power amplifier enable	The first pin of 7W2 is the PA_SW
Through-core capacitors (SRC_SW and PS_SW)	Upper: SRC_SW (internal signal source switch, high-on, low-off), Lower: PS_SW (internal and external source switch, high: external source; low: built-in source)

3, After-Sales service

Lifetime free model library upgrades, professional 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.



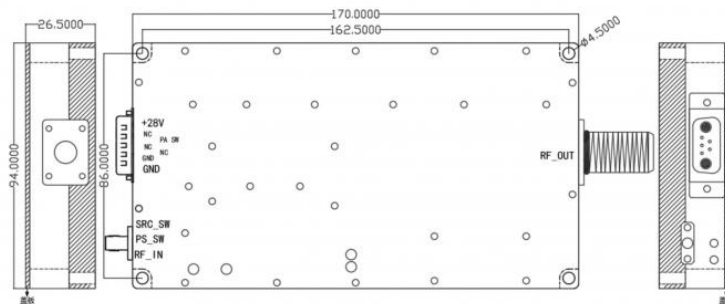
7, Partnership Portfolio

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.



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