100MHz-4GHz Passive Jamming Amplifier Frequency Band Source 10W-40W

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: Passive Jamming Amplifier
- Minimum Order Quantity: 2 units
- Price: Negotiable on Quantity
- Delivery Time: 10 work days
- Payment Terms: L/C, T/T
- Supply Ability: 1000units per month

Product Specification

- Name: 100MHz-4GHz Passive Jamming Amplifier Frequency Band Source 10W-40W
- Frequency Band: 100MHz-4000MHz Customized
- Size: 132*53*15mm
- Module Weight: 198g
- Power: 10W-40W
- Power Flatness: 50dBm
- Supply Voltage: DC +28V
- Storage Temperature: -40 To +85
- Rf Connector: SMA
- Highlight: **10w anti drone module**, **10w drone jamming module**, **40w anti drone module**

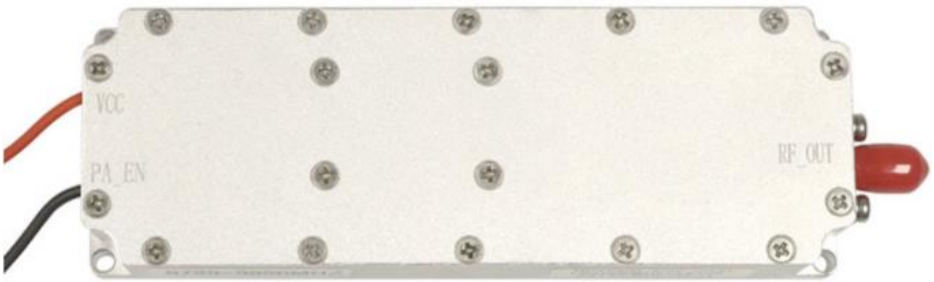
Product Description

Passive Jamming Amplifier Frequency Band Source Super Wideband Jamming 100MHz-1GHz

1, Product Introduction

The working principle of a passive jamming amplifier typically involves the following key aspects:

Signal Reception: The passive jamming amplifier first receives signals from the target or adversary, which may be radar signals or other forms of electromagnetic emissions.
Signal Processing: The received signals are processed to determine their characteristics, such as frequency and waveform, which helps the passive jamming amplifier to develop subsequent jamming strategies.
Jamming Generation: Based on the characteristics of the processed signals, the passive jamming amplifier generates corresponding jamming signals. These jamming signals aim to mimic or overlay the target signals to mislead or block the adversary's receiver.
Signal Amplification: The generated jamming signals are amplified by the amplifier to ensure they have sufficient strength to counter the target signals.
Jamming Transmission: The amplified jamming signals are transmitted to affect the adversary's electronic systems, achieving the purpose of jamming.
Feedback and Adjustment: The passive jamming amplifier may adjust the jamming signals in real-time based on feedback information to improve the effectiveness of the jamming.
Stealth: The design of the passive jamming amplifier takes into account stealth to reduce the risk of being detected by the adversary.
Technological Adaptability: The passive jamming amplifier needs to be able to adapt to different technological environments and changes in adversary electronic warfare strategies.
Modular Design: For ease of upgrade and maintenance, the passive jamming amplifier typically features a modular design.
Environmental Adaptability: The passive jamming amplifier is designed considering various environmental factors to ensure stable operation under different conditions.



2, Functional highlight

3, Specification

Product Name	RF power amplifier module (GaN)
Frequency	900MHZ (810-900/860-930/800-900/750-850/900-1000)
Output Power	50W
Frequency and Power Customization	Support
Max Gain	47 dBm
Voltage	24-32V
Product Size	29.7*131*15.5mm
Product Weight	183 g

4, After-Sales service

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

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.

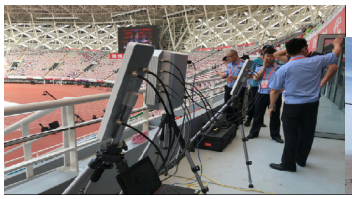
Our signal jammers are now widely used across various industries, particularly for countermeasures against drones. We are continuously evolving our products based on actual conditions, and our research and development of jamming modules for drone countermeasures has always been at the forefront of the industry.

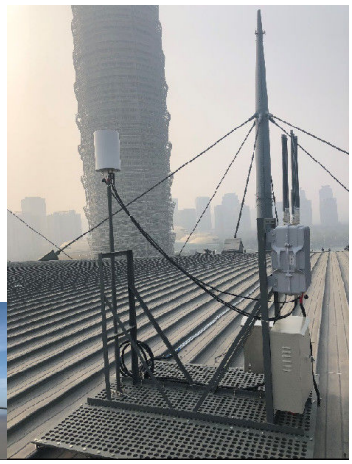
6, Certification Certificate

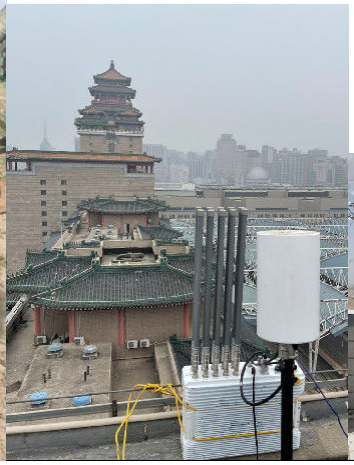
The product has obtained dual certification from the Ministry of Public Security and the National Security Center, and is capable of adapting to various severe incidents, possessing military-grade quality.

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.









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