

China

MYT

Source

L/C, T/T

1000units per month

Super Wideband Jamming Frequency Band Source Anti Drone Module 400MHz-6GHz

Super Wideband Jamming Frequency Band

Basic Information

- Place of Origin:
- Brand Name:
- Model Number:
- Minimum Order Quantity: 2 unitsDelivery Time: 10 work days
- Delivery Time:Payment Terms:
- Supply Ability:



Product Specification

• Name:

Size:

• Module Weight:

• Source Band:

• Power Flatness:

• Supply Voltage:

• Rf Connector:

• Highlight:

• Storage Temperature:

- Super Wideband Jamming Frequency Band Source 320g 140.99*75.47*18mm 100MHz-1000MHz 1G-2G 2G-3G Customized 40-46dBm DC 28V -40 To +85 SMA
- Super Wideband Anti Drone Module, 400MHz-6GHz Anti Drone Module, Anti Drone Module

Super Wideband Jamming Frequency Band Source Anti Drone Module 400MHz-6GHz

1, Product Introduction

The characteristics of a super wideband jamming source include:

Broad Frequency Coverage: The super wideband jamming source can cover a wide range of frequencies, enabling it to effectively counter signals across various frequency bands.

High Adaptability: This jamming source can adapt to different signal environments, effectively suppressing communication signals, clutter, and active jamming in complex electromagnetic environments.

Significant Impact of Center Frequency: The center frequency of the jamming signal has the most significant impact on the impulse signal, especially when the center frequency of the jamming signal is consistent with the maximum spectral value of the UAV signal.

Optimized Signal Processing: The use of optimized algorithms such as improved singular spectrum analysis can effectively extract pulse components, reducing the impact of jamming on UAV detection systems.

Anti-Jamming Capability: Achieving anti-jamming capabilities through specific technical means, such as simple correlation matching, to maintain some communication capabilities even under strong jamming.

Strong Signal Penetration: Due to its low transmission power characteristics, signals from the super wideband jamming source can penetrate obstacles, effectively jamming concealed or shielded targets.

Low Probability of Intercept: The super wideband jamming source transmits data using non-sinusoidal narrow pulses, making its signals difficult to intercept and identify by adversaries.

High Precision in Positioning and Imaging. Super wideband technology offers high-precision positioning and imaging capabilities, enabling accurate target location and imaging in complex environments.

Low Power Consumption: Compared to other communication technologies, the super wideband jamming source typically has lower power consumption, suitable for long-term deployment and use.

High Data Transfer Rate: The super wideband jamming source can achieve high-speed data transmission, which is very useful for applications that require rapid exchange of large amounts of data.

Challenging: Despite many advantages, the super wideband jamming source also faces some challenges, such as free-space loss and molecular absorption during wireless transmission, which need to be addressed through technological innovation.







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 AloT research and development, spearheading the creation of an independent AloT 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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