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## ► Tatusky Anti Module Product Brochure



For more product information, visit [tatusky.com](http://tatusky.com)





## FOUNDED IN 2014

mission vision   excellent quality   good performance

Establish in Shenzhen in 2014,with a production work shop located in Tangxia Town,Dongguan City Guangdong ProvinceThe company is mainly engaged in R&D production and sales Of electronic productscommunication antennasmicrowave antennasterninal antennas.anti-UAV products

At present,our main products are Portable Drone Detector Wearable Drone Detector Drone Defense Drone Accessories With Alibaba platform and self-built website platform tatusky.com we have professional drone knowledge,sincere service and excellent after-sales service to ensure your comfortable purchase experience.



### CORE VALUES

- ① Customer-centric
- ② Creation as soul
- ③ Quality is life
- ④ Strive for this

## Company introduction



12 years custom manufacturer



UAV production experience



Overseas operating experience

We have nearly 10 years of drone production experience and more than 7 years of overseas operation experience, and have successfully delivered hundreds of items globally. Based on our reputation and strength in the drone industry, we have established deep and extensive cooperation with anti-drone companies and factories early on. And because our team has more than a decade of drone technology accumulation and project experience, we can provide products and services that are more in line with drone countermeasures



# Anti-drone module(GaN)



## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 433Mhz 900Mhz<br>1.2G 1.5G 2.4G           |
| Power                 | 10W                                       |
| Supply Voltage        | DC 24-28V                                 |
| Power Flatness        | 1-1.5dB                                   |
| Input/Output VSWR     | 1.5dB                                     |
| Supply Current        | 2.1-2.4A                                  |
| Size                  | 120*30*15mm                               |
| Weight                | 136g                                      |
| Operating Temperature | -10℃~55℃                                  |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC28-30V<br>BLACK:GND<br>WHITE:ENABLE |



## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 5.2G 5.8G                                 |
| Power                 | 10W                                       |
| Supply Voltage        | DC 24-28V                                 |
| Power Flatness        | 1-1.5dB                                   |
| Input/Output VSWR     | 1.5dB                                     |
| Supply Current        | 2.1-2.4A                                  |
| Size                  | 120*30*15mm                               |
| Weight                | 136g                                      |
| Operating Temperature | -10℃~55℃                                  |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC28-30V<br>BLACK:GND<br>WHITE:ENABLE |

# Anti-drone module(GaN)



## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 433Mhz 900Mhz<br>1.2G 1.5G 2.4G           |
| Power                 | 20W                                       |
| Supply Voltage        | DC 24-28V                                 |
| Power Flatness        | 1-1.5dB                                   |
| Input/Output VSWR     | 1.5dB                                     |
| Supply Current        | 2.1-2.4A                                  |
| Size                  | 120*30*15mm                               |
| Weight                | 136g                                      |
| Operating Temperature | -10℃~55℃                                  |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC28-30V<br>BLACK:GND<br>WHITE:ENABLE |



## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 5.2G 5.8G                                 |
| Power                 | 20W                                       |
| Supply Voltage        | DC 24-28V                                 |
| Power Flatness        | 1-1.5dB                                   |
| Input/Output VSWR     | 1.5dB                                     |
| Supply Current        | 2.1-2.4A                                  |
| Size                  | 120*30*15mm                               |
| Weight                | 136g                                      |
| Operating Temperature | -10℃~55℃                                  |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC28-30V<br>BLACK:GND<br>WHITE:ENABLE |

# Anti-drone module(GaN)



## • PARAMETER •

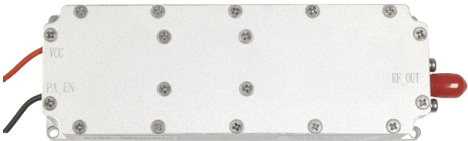
|                           |                                 |
|---------------------------|---------------------------------|
| Frequency                 | 433Mhz 900Mhz<br>1.2G 1.5G 2.4G |
| Power                     | 30W                             |
| Working Voltage           | DC 24-32V                       |
| Gain                      | 45±1                            |
| Power supply requirements | Continuous wave output 30W      |
| Passband Ripple           | ≤2                              |
| Size                      | 29.7*131*15.5mm                 |
| Weight                    | 136g                            |
| Working Temperature       | -10~+55℃                        |
| RF Connector              | SMA                             |
| RF Connector              | SMA external screw base         |



## • PARAMETER •

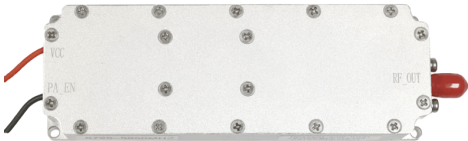
|                           |                            |
|---------------------------|----------------------------|
| Frequency                 | 5.2G 5.8G                  |
| Power                     | 30W                        |
| Working Voltage           | DC 24-32V                  |
| Gain                      | 45±1                       |
| Power supply requirements | Continuous wave output 30W |
| Passband Ripple           | ≤2                         |
| Size                      | 29.7*131*15.5mm            |
| Weight                    | 136g                       |
| Working Temperature       | -10~+55℃                   |
| RF Connector              | SMA                        |
| RF Connector              | SMA external screw base    |

# Anti-drone module(GaN)



## • PARAMETER •

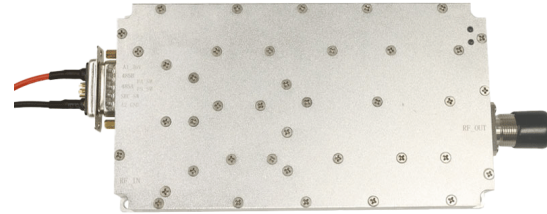
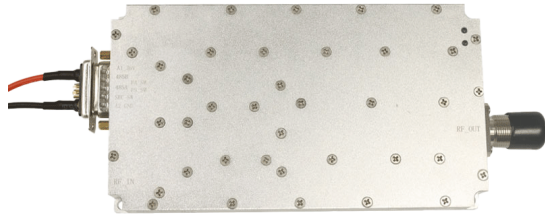
|                           |                                 |
|---------------------------|---------------------------------|
| Frequency                 | 433Mhz 900Mhz<br>1.2G 1.5G 2.4G |
| Power                     | 50W                             |
| Working Voltage           | DC 24-32V                       |
| Gain                      | 47dbi                           |
| Power supply requirements | Continuous wave output 50W      |
| Passband Riplpe           | ≤2dB                            |
| Size                      | 37.3*112*19.5mm                 |
| Weight                    | 160g                            |
| Working Temperature       | -10 ~ +55 ℃                     |
| RF Connector              | SMA                             |
| RF Connector              | SMA external screw base         |



## • PARAMETER •

|                           |                            |
|---------------------------|----------------------------|
| Frequency                 | 5.2G 5.8G                  |
| Power                     | 50W                        |
| Working Voltage           | DC 24-32V                  |
| Gain                      | 47dbi                      |
| Power supply requirements | Continuous wave output 50W |
| Passband Riplpe           | ≤2dB                       |
| Size                      | 37.3*112*19.5mm            |
| Weight                    | 160g                       |
| Working Temperature       | -10 ~ +55 ℃                |
| RF Connector              | SMA                        |
| RF Connector              | SMA external screw base    |

# Anti-drone module(GaN)



## • PARAMETER •

|                          |                                                                                                          |
|--------------------------|----------------------------------------------------------------------------------------------------------|
| Frequency                | 433Mhz 900Mhz<br>1.2G 1.5G 2.4G                                                                          |
| Output Power(dBm)        | 100W                                                                                                     |
| In-band group delay      | ≤1us                                                                                                     |
| Gain                     | 45±1.0,45±1.0                                                                                            |
| In-band fluctuation (dB) | ≤2.5 (peak-to-peak value)                                                                                |
| Supply voltage Typical   | +30Vdc Range: 24-36V                                                                                     |
| Supply current           | +30Vdc@100W≤5.5A                                                                                         |
| Output RF connector      | N-50KFD                                                                                                  |
| Size                     | 170*94*26.5mm                                                                                            |
| Input signal source      | Built-in high-efficiency modulation sweep signal source, which can also be connected to external sources |

## • PARAMETER •

|                          |                                                                                                          |
|--------------------------|----------------------------------------------------------------------------------------------------------|
| Frequency                | 5.2G 5.8G                                                                                                |
| Output Power(dBm)        | 100W                                                                                                     |
| In-band group delay      | ≤1us                                                                                                     |
| Gain                     | 45±1.0,45±1.0                                                                                            |
| In-band fluctuation (dB) | ≤2.5 (peak-to-peak value)                                                                                |
| Supply voltage Typical   | +30Vdc Range: 24-36V                                                                                     |
| Supply current           | +30Vdc@100W≤6.5A                                                                                         |
| Output RF connector      | N-50KFD                                                                                                  |
| Size                     | 170*94*26.5mm                                                                                            |
| Input signal source      | Built-in high-efficiency modulation sweep signal source, which can also be connected to external sources |

# Anti-drone module(LDmos)



## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 433Mhz 900Mhz<br>1.2G 1.5G 2.4G           |
| Power                 | 5W                                        |
| Output Power          | 37dBm                                     |
| Supply Voltage        | DC 24-28V                                 |
| Input/Output VSWR     | <2 dB                                     |
| Supply Current        | 1A                                        |
| Size                  | 80*47*19mm                                |
| Weight                | 115g                                      |
| Operating Temperature | -20 C~80 C                                |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC24-28V<br>BLACK:GND<br>WHITE:ENABLE |



## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 5.2G 5.8G                                 |
| Power                 | 5W                                        |
| Output Power          | 37dBm                                     |
| Supply Voltage        | DC 24-28V                                 |
| Input/Output VSWR     | <2 dB                                     |
| Supply Current        | 1.2A                                      |
| Size                  | 80*47*19mm                                |
| Weight                | 115g                                      |
| Operating Temperature | -20 C~80 C                                |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC24-28V<br>BLACK:GND<br>WHITE:ENABLE |





# Anti-drone module(LDmos)



## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 433Mhz 900Mhz<br>1.2G 1.5G 2.4G           |
| Power                 | 10W                                       |
| Output Power          | 40dBm                                     |
| Supply Voltage        | DC 24-28V                                 |
| Input/Output VSWR     | <2 dB                                     |
| Supply Current        | 1A                                        |
| Size                  | 80*47*19mm                                |
| Weight                | 115g                                      |
| Operating Temperature | -20 C~80 C                                |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC24-28V<br>BLACK:GND<br>WHITE:ENABLE |



## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 5.2G 5.8G                                 |
| Power                 | 10W                                       |
| Output Power          | 40dBm                                     |
| Supply Voltage        | DC 24-28V                                 |
| Input/Output VSWR     | <2 dB                                     |
| Supply Current        | 1.2A                                      |
| Size                  | 110*40*16mm                               |
| Weight                | 120g                                      |
| Operating Temperature | -20 C~80 C                                |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC24-28V<br>BLACK:GND<br>WHITE:ENABLE |



# Anti-drone module(LDmos)



## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 433Mhz 900Mhz<br>1.2G 1.5G 2.4G           |
| Power                 | 20W                                       |
| Supply Voltage        | DC 24-28V                                 |
| Output Power          | 43 dBm                                    |
| Input/Output VSWR     | <2 dB                                     |
| Supply Current        | 2.8A                                      |
| Size                  | 120*54*20mm                               |
| Weight                | 226g                                      |
| Operating Temperature | -20 ℃~80 ℃                                |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC24-28V<br>BLACK:GND<br>WHITE:ENABLE |



## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 5.2G 5.8G                                 |
| Power                 | 20W                                       |
| Supply Voltage        | DC 24-28V                                 |
| Output Power          | 43 dBm                                    |
| Input/Output VSWR     | <2 dB                                     |
| Supply Current        | 2.5A                                      |
| Size                  | 120*54*20mm                               |
| Weight                | 226g                                      |
| Operating Temperature | -20 ℃~80 ℃                                |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC24-28V<br>BLACK:GND<br>WHITE:ENABLE |

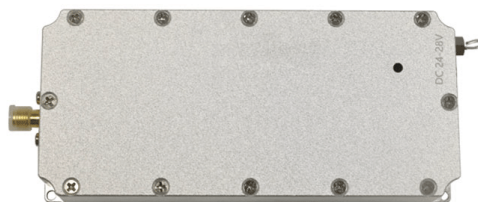


# Anti-drone module(LDmos)



## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 433Mhz 900Mhz<br>1.2G 1.5G 2.4G           |
| Power                 | 30W                                       |
| Supply Voltage        | DC 24-28V                                 |
| Power Flatness        | 1-1.5dB                                   |
| Input/Output VSWR     | 1.5dB                                     |
| Supply Current        | 2.4A                                      |
| Size                  | 125*60*20mm                               |
| Weight                | 248g                                      |
| Operating Temperature | -20℃~80℃                                  |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC24-28V<br>BLACK:GND<br>WHITE:ENABLE |

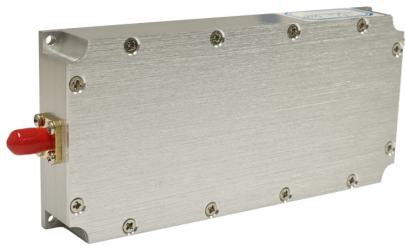


## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 5.2G 5.8G                                 |
| Power                 | 30W                                       |
| Supply Voltage        | DC 24-28V                                 |
| Power Flatness        | 1-1.5dB                                   |
| Input/Output VSWR     | 1.5dB                                     |
| Supply Current        | 3.5A                                      |
| Size                  | 125*60*20mm                               |
| Weight                | 248g                                      |
| Operating Temperature | -20℃~80℃                                  |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC24-28V<br>BLACK:GND<br>WHITE:ENABLE |

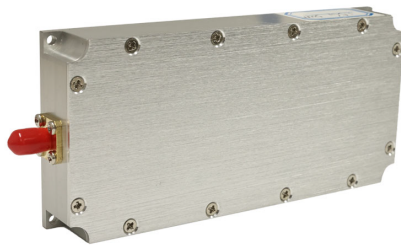


# Anti-drone module(LDmos)



## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 433Mhz 900Mhz<br>1.2G 1.5G 2.4G           |
| Power                 | 50W                                       |
| Supply Voltage        | DC 24-28V                                 |
| Power Flatness        | 1-1.5dB                                   |
| Input/Output VSWR     | 4.5dB                                     |
| Supply Current        | 4.5A                                      |
| Size                  | 125*60*20mm                               |
| Weight                | 248g                                      |
| Operating Temperature | -20℃~80℃                                  |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC24-28V<br>BLACK:GND<br>WHITE:ENABLE |



## • PARAMETER •

|                       |                                           |
|-----------------------|-------------------------------------------|
| Frequency             | 5.2G 5.8G                                 |
| Power                 | 50W                                       |
| Supply Voltage        | DC 24-28V                                 |
| Power Flatness        | 2-3dB                                     |
| Input/Output VSWR     | 1.5dB                                     |
| Supply Current        | 5.5A                                      |
| Size                  | 125*60*20mm                               |
| Weight                | 248g                                      |
| Operating Temperature | -20℃~80℃                                  |
| RF Connector          | SMA                                       |
| Connect line          | RED:DC24-28V<br>BLACK:GND<br>WHITE:ENABLE |



# Anti FPV lora module



## • PARAMETER •

|                            |                           |                       |
|----------------------------|---------------------------|-----------------------|
| working voltage            | 24-28V                    |                       |
| output power               | 50W                       | Support Customization |
| Work frequency band        | 300~1200MHz<br>2.4GHz ISM | Support Customization |
| working current            | 3000mA ±500               |                       |
| RF joggle                  | SMA                       | RF output             |
| The RF interface impedance | 50 Ω                      |                       |
| Module size                | 140*54*20mm               |                       |
| working temperature        | -40℃ +80℃                 | technical grade       |



## • PARAMETER •

|                            |                           |                       |
|----------------------------|---------------------------|-----------------------|
| working voltage            | 24-28V                    |                       |
| output power               | 50W                       | Support Customization |
| Work frequency band        | 300~1200MHz<br>2.4GHz ISM | Support Customization |
| working current            | 3000mA ±500               |                       |
| RF joggle                  | SMA                       | RF output             |
| The RF interface impedance | 50 Ω                      |                       |
| Module size                | 140*54*20mm               |                       |
| working temperature        | -40℃ +80℃                 | technical grade       |



# Anti FPV lora module



• PARAMETER •

|                            |                           |                       |
|----------------------------|---------------------------|-----------------------|
| working voltage            | 24-28V                    |                       |
| output power               | 50W                       | Support Customization |
| Work frequency band        | 300~1200MHz<br>2.4GHz ISM | Support Customization |
| working current            | 3000mA ±500               |                       |
| RF joggle                  | SMA                       | RF output             |
| The RF interface impedance | 50 Ω                      |                       |
| Module size                | 140*54*20mm               |                       |
| working temperature        | -40℃ +80℃                 | technical grade       |



• PARAMETER •

|                            |                           |                       |
|----------------------------|---------------------------|-----------------------|
| working voltage            | 24-28V                    |                       |
| output power               | 50W                       | Support Customization |
| Work frequency band        | 300~1200MHz<br>2.4GHz ISM | Support Customization |
| working current            | 3000mA ±500               |                       |
| RF joggle                  | SMA                       | RF output             |
| The RF interface impedance | 50 Ω                      |                       |
| Module size                | 140*54*20mm               |                       |
| working temperature        | -40℃ +80℃                 | technical grade       |

