

Product Description



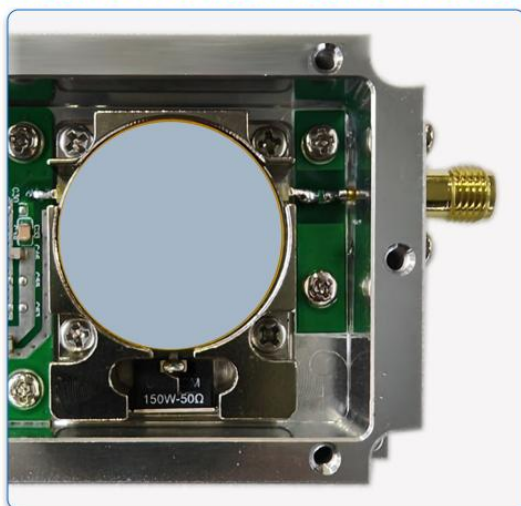
Output power is optional and the frequency bands including 20MHz to 7.5GHz with 5W/10W/20W/50W/100W/200W,etc.

Item	Spec.	Remarks
Frequency Range	400-700MHz	Bandwidth Range±10MHz
Working Voltage	28V	24-30V
Working current	6.65A	output 100W
Analog sweeping speed	125 KHz	8μ/s(Customized 250KHz,4μ/s)
Output Power (Max)	50±1 dBm	100W
Gain (Max)	50±1 dB	
Ripple in Band	≤ 3 dB	Peak
Bandwidth adjustment	Yes	By screw
Center adjustment	Yes	By screw
Enable control	Customize	24-28V
Input power (Max)	≤ +10dBm	Optional (If signal source from Subscriber)
Input Signal Source	Built-in high-speed noise modulation signal source	Optional (can customize VCO, DDS or SDR)
Output VSWR	≤1.5	Inside circulator, VSWR protect
High Temperature	Low Working Temperature	-20~+65°C Working properly

test	Gain Stability	±2 dB	at -20°C ~ +65°C
	Power stability	±2 dB	at -20°C ~ +65°C
Power supply Port		Positive and negative lines	24-30V; GND; (optional: Enable control wire)
Shell Material		Aluminum with natural color oxide sand blasting	
Vibration Need		Meet the load need of moving vehicle	
RF output connector		N-Female	SMA-Female (Optional)
LED indicator light		Power ON/OFF	
Dimension		125*45*21.5mm	
Installation Dimension		120*40*21.5 mm	
Screw Size		M3.0	
Weight		220g	

PRODUCT DETAILS

Reliable Quality
Professional Testing



Excellent Performance

Rogers Board, Built Protection

Excellent performance in high frequency and high temperature environments

Circulator and Load:

Each module carries a circulator and energy load, improving performance while reducing the risk of poor antenna connections.

Test Equipment & Data

Professional and comprehensive test instruments like the spectrum analyzer, power meter, regulated power supply

Stand Requirements:

Frequency Range: 400-700MHz

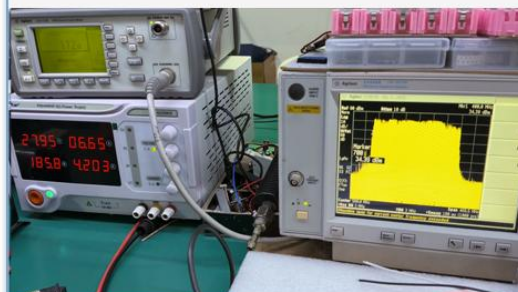
Gain: 50dBm, Power: 100W

Intraband Fluctuation < 1.5dBm

Voltage: DC28V

Current: 7.0A

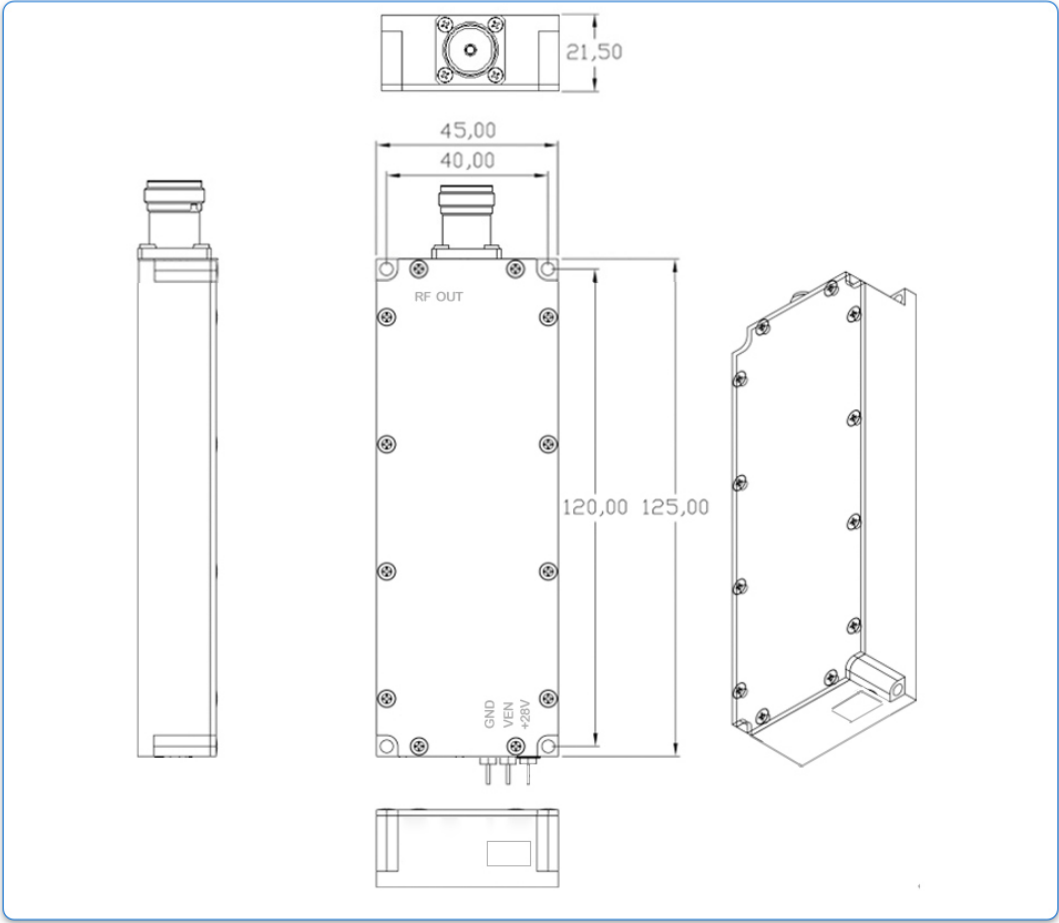
400-700MHz
50.40dbm / 112W
DC27.95V / 6.65A



ACTUAL TEST DATA

Modules Parameters

Size: 125x45x21.5mm
Weight: 0.25kg



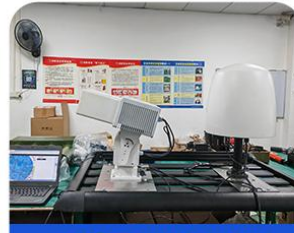
COMPANY PROFILE



OFFICE



PRODUCTION LINE



ASSEMBLY LINE



WAREHOUSE



SHOW ROOM



TEST EQUIPMENT



CUSTOMER VISIT



AGING TESTING ROOM



ISO9001 / 14001



NATIONAL HIGH-TECH



CERTIFICATE

Shenzhen Zhengjiangxintong (Ching Kong) Technology Co.,Ltd. established in 2010, we are a high-tech enterprise focusing on the R&D, production and sales of communication and security products, Our main products are RF module, power amplifier, Antenna, signal generator, voltage control oscillator, detector and anti UAV solution. All products have independent intellectual property rights and certificate.

The products are widely used in such as VIP convoy, prisons, nuclear industry facilities, airports, schools, conference centers, hospitals, museums, churches and more Places that require silence, confidentiality and information security

The company and product passed ISO 9001 & 14001 quality system certification, two standardized production line and 1500 square meters workshop office, has a professional research and development team, Several new products are launched every year, Daily production of hundreds of units, each device through the standard data test and ageing test for many times, can guarantee to the development production and delivery of customer orders, The products sell well in more than sixty countries.

Welcome customers to visit our factory and have good cooperation!