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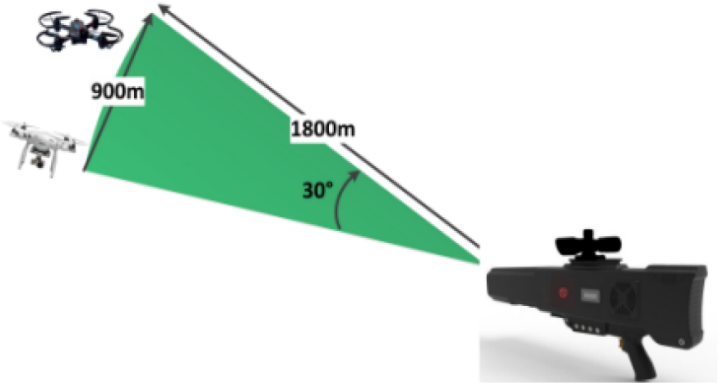
1. Power Amplified Module 5W-250W
2. PLL Signal Generator + Power Amplifier
3. VCO Signal Generator + Power Amplifier
4. White Noise + PLL Signal Generator + Power Amplifier
5. DDS Signal Generator + Power Amplifier
6. OSC Generator + Power Amplifier
7. Analog VCO Signal Generator
8. Analog Wideband Signal Generator
9. DDS Signal Generator
10. White Noise Signal Generator
11. Portable Anti Drones
12. Portable UAV Reconnaissance and Strike Integrated System
13. Antenna



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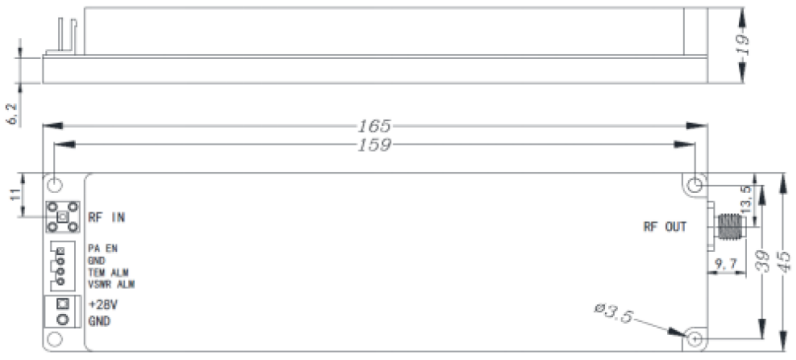
Power Amplified Module 5W

Electrical & Mechanical Specifications	
Frequency Range	20-6000 MHz
Power	5W
Saturated Output Power	37±1dBm
Gain	45±2dB
In-Band Fluctuation	≤ 2.0dB
Out-of- band spurious	9kHz-1Ghz: ≤ -36dBm/30kHz 1GHz-12.75HGz : ≤ -36dBm/30kHz
Input VSWR	≤ 1.5
Gain Temperature	≤ ± 1.5dB
Maximum Lossless Input	+10dBm
Working Voltage	DC+28V
Working Current	≤ 2.0A
Power Supply Monitoring Interface	Adopts 7W2 male socket: A1 Connects to GND;A2 connects to+28V; Pin 1 Power Amplifier is enabled, high level turns on the power amplifier, low level turns off the power amplifier, the factory default low level; 2,5 feet are grounded, 3-pin temperature alarm, the power amplifier temperature is higher than +85°C, output high-level alarm. 4-pin standing wave ratio alarm, when the output terminal of the power amplifier is disconnected, a high-level alarm will be output;
Input RF Port	SMA-KFD
Output RF Port	N-F
Dimensions	165x45x19mm
Working Temperature	-10°C ~+55°C



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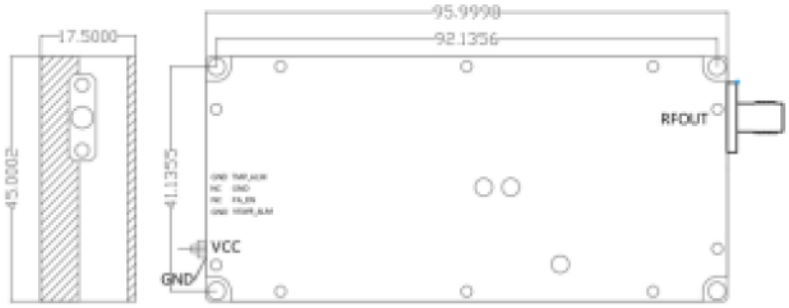
Power Amplified Module 10W

Electrical & Mechanical Specifications	
Frequency Range	20-6000 MHz
Power	10W
Saturated Output Power	40±1dBm
Gain	45±1dB
In-Band Flatness	≤ ±1dB
Input and Output Standing	≤1.5
Out-of- band spurious	9kHz-1Ghz: ≤ -36dBm/30kHz 1GHz-12.75HGz : ≤ -30dBm/30kHz
Maximum Lossless Input	+10dBm
Operating Voltage	DC+32V
Working Current	≤ 1.3A
Power Supply Interface	Wear Cardiac Capacitance
Input RF Port	SMA-KFD
Monitoring Interface	PHB2.0-8 socket
Amplifier Size	96x45x17.5mm
Operating Temperature	-10°C ~+55°C
Relative Humidity	5% -95%, No Condensation
Storage Temperature	-25°C ~+65°C



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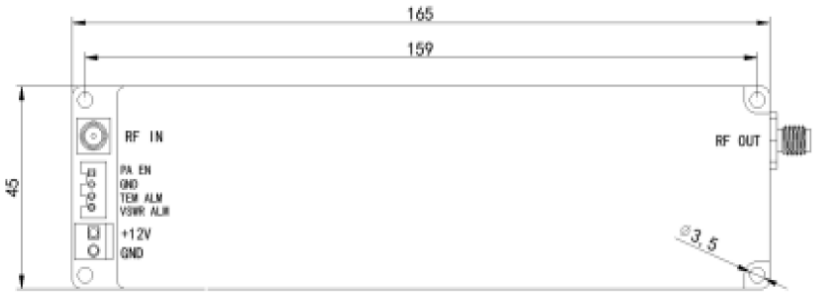
Power Amplified Module 15W

Electrical & Mechanical Specifications	
Frequency Range	20-6000 MHz
Power	15W
Saturated Output Power	42±1dBm
Gain	45±1dB
In-Band Flatness	≤ ±1dB
Input and Output VSWR	≤1.5
Out-of- band spurious	9kHz-1Ghz: ≤ -36dBm/30KHz 1GHz-12.75HGz : ≤ -30dBm/30KHz
Maximum Lossless Input	+10dBm
Operating Voltage	DC+12V
Working Current	≤ 4.5A
Power Supply Interface	VH3.96-2Pin Socket
RF Port	SMA-KFD
Monitoring Interface	XH2.54-4Pin Socket
Amplifier Size	165x45x19mm
Operating Temperature	-10°C ~+55°C
Relative Humidity	5%~95%, No Condensation
Storage Temperature	-25°C ~+65°C



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Power Amplified Module 20W

Electrical & Mechanical Specifications	
Frequency Range	20-6000 MHz
Power	20W
Saturated Output Power	42±1dBm
Gain	45±1dB
In-Band Flatness	≤ ±1dB
Input and Output VSWR	≤1.5
Out-of- band spurious	9kHz-1Ghz: ≤ -36dBm/30KHz 1GHz-12.75HGz : ≤ -30dBm/30KHz
Maximum Lossless Input	+10dBm
Operating Voltage	DC+12V
Working Current	≤ 4.5A
Power Supply Interface	VH3.96-2Pin Socket
RF Port	SMA-KFD
Monitoring Interface	XH2.54-4Pin Socket
Amplifier Size	165x45x19mm
Operating Temperature	-10°C ~+55°C
Relative Humidity	5%~95%, No Condensation
Storage Temperature	-25°C ~+65°C

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Power Amplified Module 30W

Electrical & Mechanical Specifications	
Frequency Range	20-6000 MHz
Power	30W
Saturated Output Power	42±1dBm
Gain	45±1dB
In-Band Flatness	≤ ±1dB
Input and Output VSWR	≤1.5
Out-of- band spurious	9KHz-1GHz : ≤ -36dBm/30KHz 1GHz-12.75GHz : ≤ -30dBm/30KHz
Maximum Lossless Input	+10dBm
Operating Voltage	DC+28V
Working Current	≤ 4.5A
Power Supply Interface	VH3.96-2Pin Socket
RF Port	SMA-KFD
Monitoring Interface	XH2.54-4Pin Socket
Amplifier Size	165x45x19mm
Operating Temperature	-10°C ~+55°C
Relative Humidity	5%~95%,
Storage Temperature	-25°C ~+65°C

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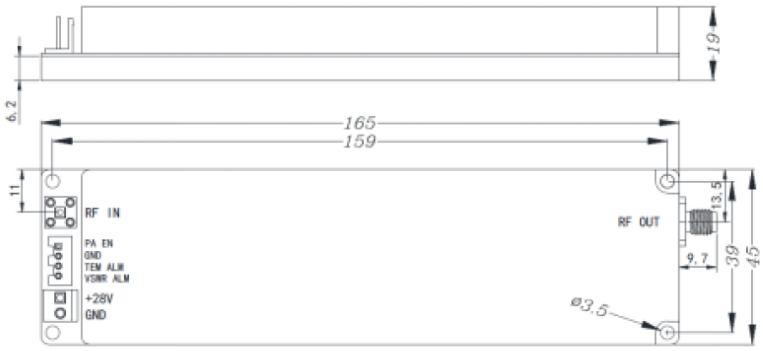
Power Amplified Module 50W

Electrical & Mechanical Specifications	
Frequency Range	20-6000 MHz
Power	50W
Saturated Output Power	47±1dBm
Gain	45±1dB
In-Band Flatness	≤ ±1dB
Input and Output VSWR	≤1.5
Out-of- band spurious	9KHz-1GHz : ≤ -36dBm/30KHz 1GHz-12.75GHz : ≤ -30dBm/30KHz
Maximum Lossless Input	+10dBm
Operating Voltage	DC+28V
Working Current	≤ 6.5A
Power Supply Interface	VH3.96-2Pin Socket
RF Port	SMA-KFD
Monitoring Interface	XH2.54-4Pin Socket
Amplifier Size	165x45x19mm
Operating Temperature	-10°C ~+55°C
Relative Humidity	5%~95%, No condensation
Storage Temperature	-25°C ~+65°C



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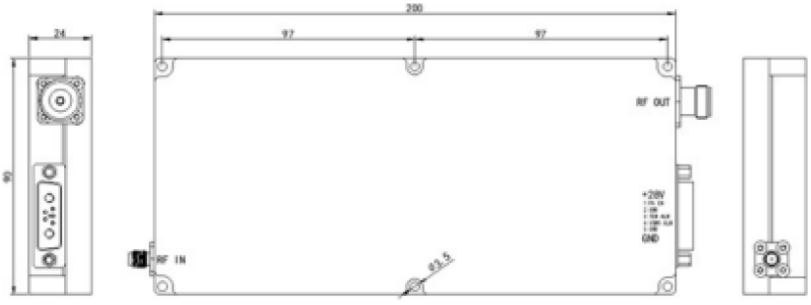
Power Amplified Module 100W

Electrical & Mechanical Specifications	
Frequency Range	20-6000 MHz
Power	100W
Saturated Output Power	45±1dBm
Gain	45±1dB
In-Band Flatness	≤ ±1dB
Input and Output VSWR	≤1.5
Out-of- band spurious	9KHz-1GHz : ≤ -36dBm/30KHz 1GHz-12.75GHz : ≤ -30dBm/30KHz
Maximum Lossless Input	+10dBm
Operating Voltage	DC+28V
Working Current	≤ 4.5A
Power Supply Interface	VH3.96-2Pin Socket
RF Port	SMA-KFD
Monitoring Interface	XH2.54-4Pin Socket
Amplifier Size	165x45x19mm
Operating Temperature	-10°C ~+55°C
Relative Humidity	5%~95%,
Storage Temperature	-25°C ~+65°C



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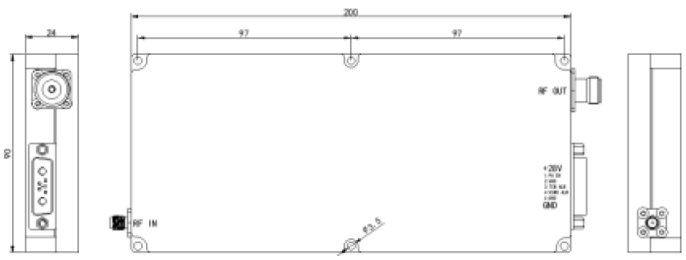
Power Amplified Module 150W

Electrical & Mechanical Specifications	
Frequency Range	20-6000 MHz
Power	150W
Saturated Output Power	≥51dBm
Gain	50±2dB
In-Band Fluctuation	≤ 2.0dB
Input VSWR	≤1.5
Out-of- band spurious	9KHz-1GHz : ≤ -36dBm/30KHz 1GHz-12.75GHz : ≤ -30dBm/30KHz
Gain Temperature Stability	≤ ±1.5dB
Working Voltage	DC+28V
Working Current	≤ 11.5A
Power Supply Monitoring Interface	Adopts 7W2 male socket: A1 connects to GND; A2 connects to +28V; Pin 1 power amplifier is enabled ,high level turns on the power amplifier, low level turns off the power amplifier, the factory default low level; 2,5 feet are Grounded 3-pin temperature alarm, the power amplifier temperature is higher than +85°C, output high-level alarm; 4-4 pin standing wave ratio alarm, when the output terminal of the power amplifier is disconnected, a high level alarm will be output;
Maximum Lossless input power	+10dBm
Input RF Port	SMA-KFD
Output RF Port	N-F
Dimensions	200x90x24mm
Operating Temperature	-10°C ~+55°C



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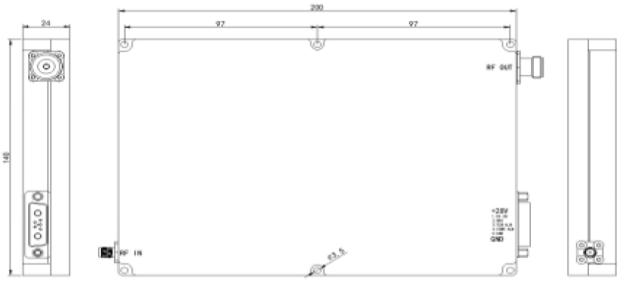
Power Amplified Module 200W

Electrical & Mechanical Specifications	
Frequency Range	20-6000 MHz
Power	200W
Saturated Output Power	51±1dBm
Gain	45±2dB
In-Band Fluctuation	≤ 2.0dB
Input VSWR	≤1.5
Out-of- band spurious	9KHz-1GHz : ≤ -36dBm/30KHz 1GHz-12.75GHz : ≤ -30dBm/30KHz
Gain Temperature Stability	≤ ±1.5dB
Working Voltage	DC+28V
Working Current	≤ 18A
Power Supply Monitoring Interface	Adopts 7W2 male socket: A1 connects to GND; A2 connects to +28V; Pin 1 power amplifier is enabled ,high level turns on the power amplifier, low level turns off the power amplifier, the factory default low level; 2,5 feet are Grounded 3-pin temperature alarm, the power amplifier temperature is higher than +85°C, output high-level alarm; 4 pin standing wave ratio alarm, when the output terminal of the power amplifier is disconnected, a high level alarm will be output;
Maximum Lossless input power	+10dBm
Input RF Port	SMA-KFD
Output RF Port	N-F
Dimensions	200x140x24mm
Operating Temperature	-10°C ~+55°C



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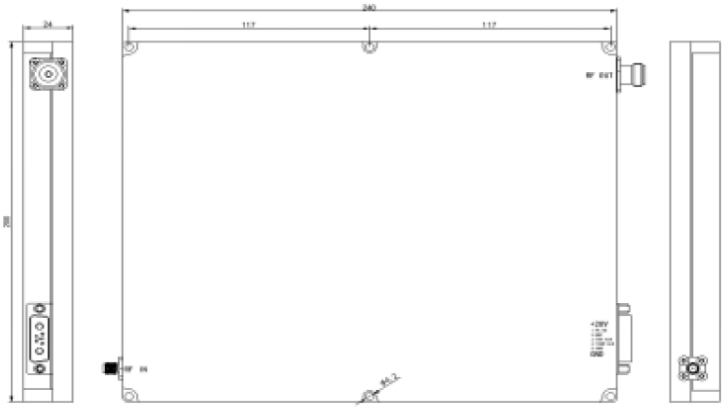
Power Amplified Module 250W

Electrical & Mechanical Specifications	
Frequency Range	20-6000 MHz
Power	250W
Saturated Output Power	53±1dBm
Gain	50±2dB
In-Band Fluctuation	≤ 2.0dB
Input VSWR	≤1.5
Out-of- band spurious	9KHz-1GHz : ≤ -36dBm/30KHz 1GHz-12.75GHz : ≤ -30dBm/30KHz
Gain Temperature Stability	≤ ±1.5dB
Working Voltage	DC+28V
Working Current	≤ 34A
Power Supply Monitoring Interface	Adopts 7W2 male socket: A1 connects to GND; A2 connects to +28V; Pin 1 power amplifier is enabled ,high level turns on the power amplifier, low level turns off the power amplifier, the factory default low level; 2,5 feet are Grounded 3-pin temperature alarm, the power amplifier temperature is higher than +85°C, output high-level alarm; 4 pin standing wave ratio alarm, when the output terminal of the power amplifier is disconnected, a high level alarm will be output;
Maximum Lossless input power	+10dBm
Input RF Port	SMA-KFD
Output RF Port	N-F
Dimensions	240x200x24mm
Operating Temperature	-10°C ~+55°C



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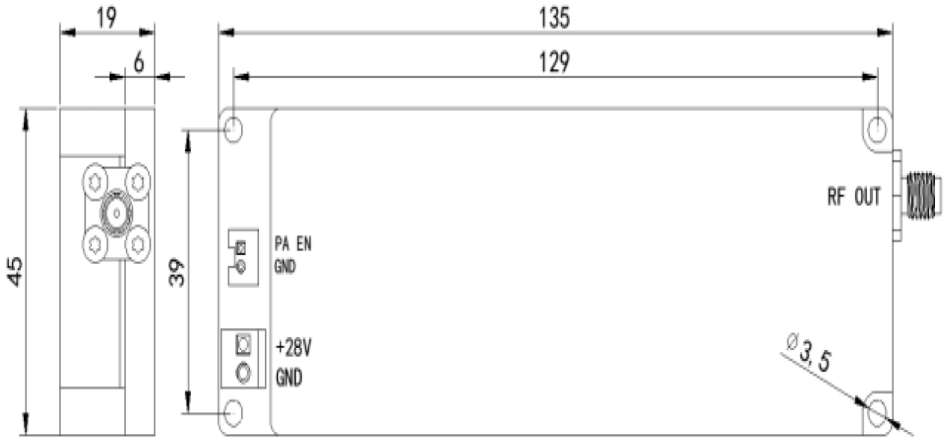
PLL Signal Generator & Amplifier

Electrical & Mechanical Specifications	
Signal Mode	PLL
Working Frequency	791-821/925-960/1805-1880/ 2120-2170/2400-2484/ 2620-2690/5150-5850 MHz
Saturated Output Power	37±1dBm
In-Band Flatness	≤ ±2dB
Input and Output VSWR	≤1.5
Out-of- band spurious	9KHz-1GHz : ≤ -36dBm/30KHz 1GHz-12.75GHz : ≤ -30dBm/30KHz
Operating Voltage	DC+28V
Working Current	≤ 1.5A
Power Supply Interface	VH3.96-2PIN Socket
RF Port	SMA-KFD
Monitoring Interface	XH2.54-2Pin Socket
Amplifier Size	135x45x19mm
Operating Temperature	-10°C ~+55°C
Relative Humidity	5%~95%, No condensation
Storage Temperature	-25°C ~+65°C



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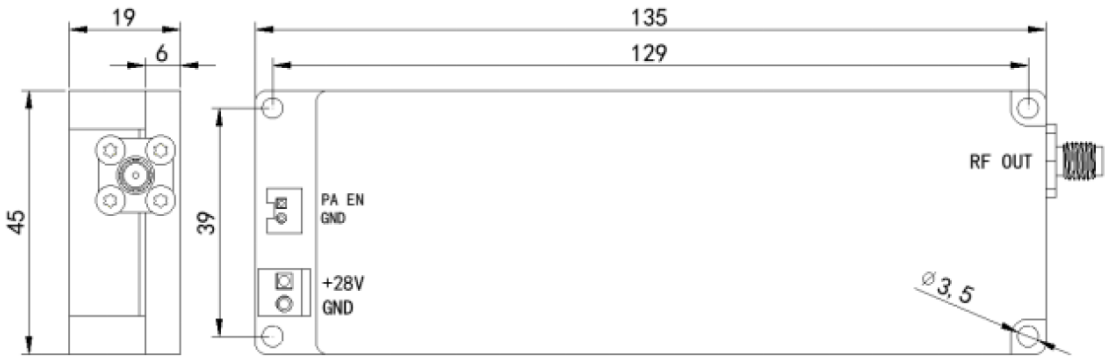
VCO Signal Generator & Power Amplifier

Electrical & Mechanical Specifications	
Signal Mode	VCO
Working Frequency	791-821/925-960/1805-1880/ 2110-2170/2400-2484/ 2620-2690/5150-5850 MHz
Saturated Output Power	37±1dBm
In-Band Flatness	≤ ±2dB
Input and Output VSWR	≤1.5
Out-of- band spurious	9KHz-1GHz : ≤ -36dBm/30KHz 1GHz-12.75GHz : ≤ -30dBm/30KHz
Operating Voltage	DC+28V
Working Current	≤ 1.5A
Power Supply Interface	VH3.96-2PIN Socket
RF Port	SMA-KFD
Monitoring Interface	XH2.54-2PIN Socket
Amplifier Size	135x45x19mm
Operating Temperature	-10°C ~+55°C
Relative Humidity	5%~95%, No condensation
Storage Temperature	-25°C ~+65°C



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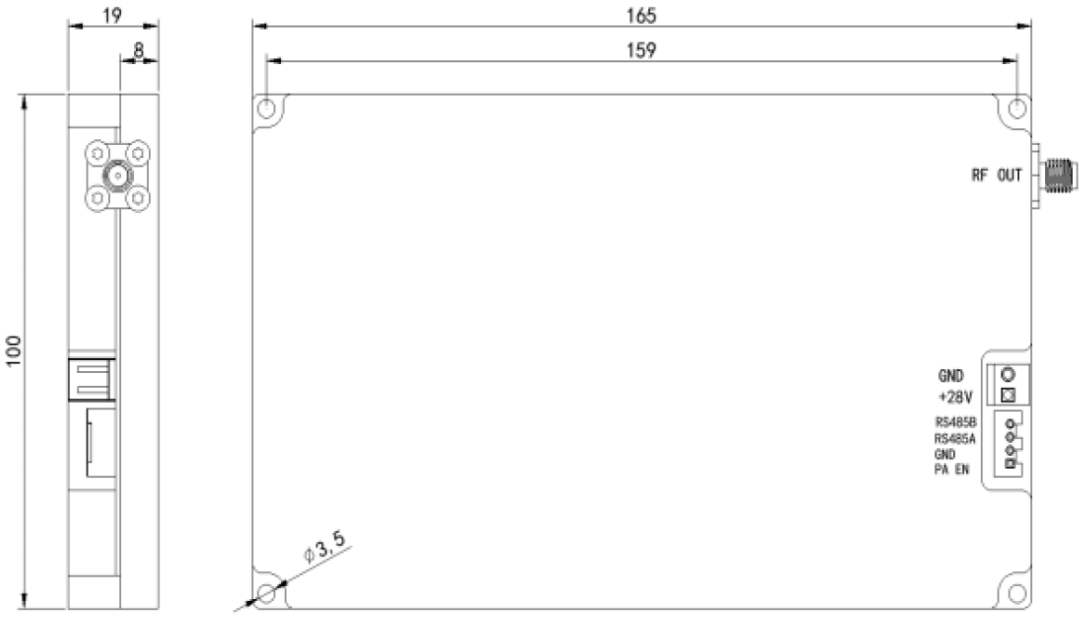
White Noise & PLL Signal Generator Power Amplifier

Electrical & Mechanical Specifications	
Working Frequency	791-821/925-960/1805-1880/ 2110-2170/2400-2484/ 2620-2690/5150-5850 MHz
Saturated Output Power	37±1dBm
In-Band Flatness	≤ ±2dB
Input and Output VSWR	≤1.5
Out-of- band spurious	9KHz-1GHz : ≤ -36dBm/30KHz 1GHz-12.75GHz : ≤ -30dBm/30KHz
Operating Voltage	DC+28V
Working Current	≤ 2.5A
Power Supply Interface	VH3.96-2PIN Socket
RF Port	SMA-KFD
Monitoring Interface	XH2.54-4PIN Socket 1.PAEN 2.GND 3. RS485A 4.RS485B
Amplifier Size	165x100x19mm
Operating Temperature	-10°C ~+55°C
Relative Humidity	5%~95%, No condensation
Storage Temperature	-25°C ~+65°C



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DDS Signal Generator & Power Amplifier

Electrical & Mechanical Specifications			Parameter	Remark
Working Frequency			20M-6000M	
Power			100W	
Operating Voltage			28V	24-36V
Conversion Efficiency			≥42%	@100W
Adjustable Output Power			10W~100W	Software Set Power
ALC Power Adjustment Range			≥20dB	Voltage Controlled Attenuation
Gain			48±1.0dB	
In-band Fluctuation			≤2.5dB	Peak
Spurious Emissions	In working Band		≤-15dBm/1MHz	Measured when the center frequency plus CW signal to the maximum output power
	Out-of-band	9KHz~1GHz	No higher-than-normal noise floor clutter	
		1G 12.75GHz		
Maximum allowable input power			≥+10dBm	Last 1min without damage
Input VSWR			≤1.35	Add +28V, standard network output -10dBm
Output VSWR			≤1.35	No power, standard network output -10dBm
			≤1.35	Power On, Dual Directional Coupler Test
High and Low Temperature Test	Working environment temperature(℃)		-10℃ ~+65℃	Low Temperature can start, Monitoring works normally
	Gain Stability		±1.5dB @ -40℃ ~+65℃	
	Power Stability		±1dB @ -40℃ ~+65℃	
Power Requirements			>8A @+28Vdc;	CW Output 100W
Power Supply interface, communication interface RS485			7W2	Male,1:485A; 2:485B
RF Output Connector			N-Female Connector	
With 3LED Lights			Power: Power indication; RUN: Running indication; Alarm: Alarm Indication	
Physical Dimension			700M-6G:155*125*26mm; 20M-500M:155*125*35mm	
Weight			<1Kg	
Appearance(how to use)			Signal Source Power Amplifier Integrated Module(fixed on the radiator)	

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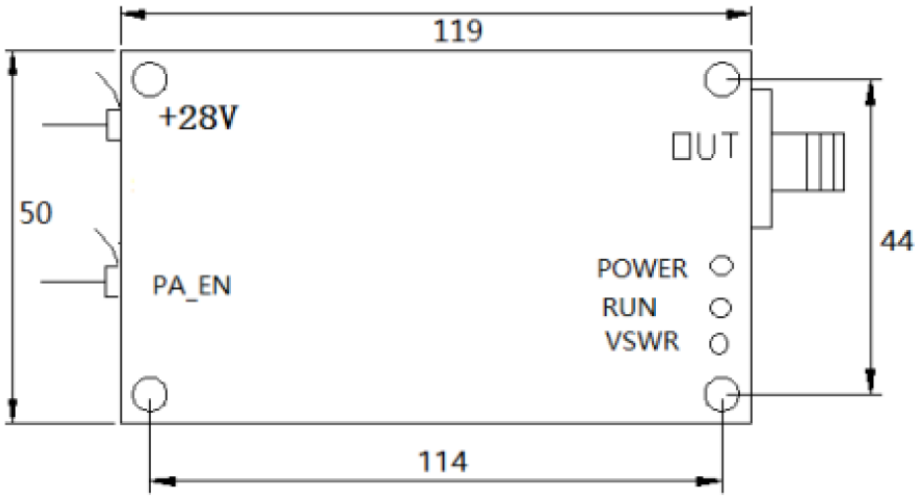
40W Power Amplifier(430M-2.7G)&OSC Generator

Electrical & Mechanical Specifications						
PA	Working Frequency(MHz)	430-435M	895M-935M	1220-1280M	1550-1620M	2400-2485M
	Bandwidth(MHz)	5M	40M	60M	70M	85M
	Maximum Output Power(dBm)	46±1dBm				
	Gain(dB)	≤1.5				
	In-band fluctuation(dB)	≤2 (Peak Value)				
	V-	≤1.5				
Supply Voltage		28Vdc, 24V-30V				
Supply Current		<3.5A 28Vdc@40W				
Output RF Connector		SMA-50KFD				
Power and Switch Connectors		Feedthru Capacitor				
Working Temperature		-20°C ~+65°C				
Module Volume(mm)		119x50x16mm				
Module Protection		Working index, temperature protection, standing wave protection				
Small Signal Control Switch		PA_EN: High Level on, low level off				
Input Signal Source		Built in high-speed noise modulation signal source				
Size		119*50*16mm				
Connector Type		1.Power Supply Conditions:+28V Power Supply: core capacitor 2.RF input interface:SMA-50KFD(Optional);RF Output interface: SMA-50KFD 3.Control Interface: through-heart capacitor				
The diameter of the installation hole: four 3thorugh holes are reserved at the installation hole position for the installation of M3 screws.						



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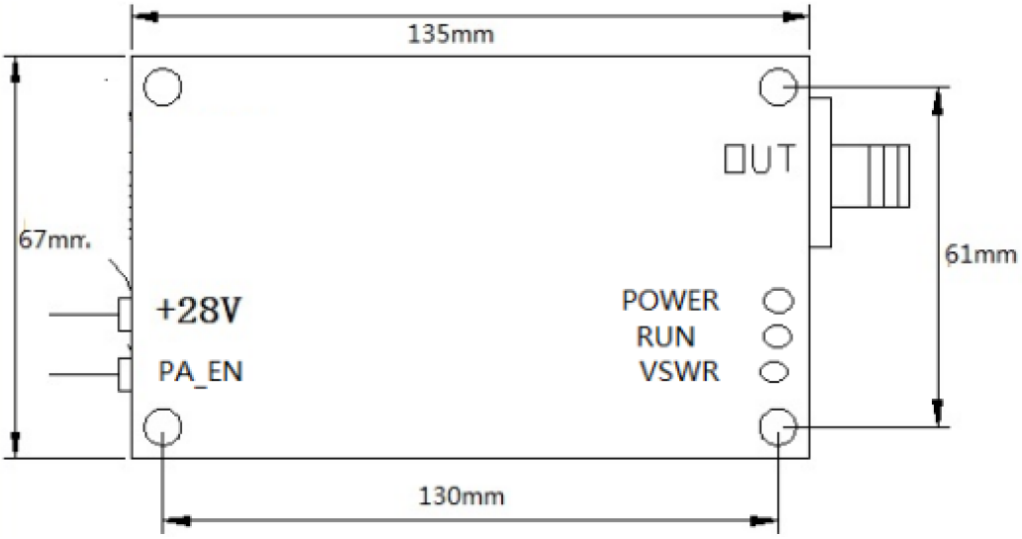
40W Power Amplifier(5725-5850MHz)& OSC Generator

Electrical & Mechanical Specifications		
Working Frequency(MHz)	5725-5850 MHz	
Model No.	SRFS-PA-5720-5860-40W	
Operating Voltage	30V	28-32V
Maximum Output Power	46±1dBm	
ALC Power Adjustment Range	≥20dB	Voltage Controlled Attenuation
Gain	45±2dB	
In-band Fluctuation	≤ 2dB	
Working Current	<3.8A	@40W
Input VSWR	≤1.50	
Working Temperature(°C)	-10°C ~+55°C	
Power Requirements	≥4A@+30Vdc,	Continuous wave output 40W
Power/Control Interface	Feedthru Capacitor	Male; high open, low close
RF Input and Output Connectors	SMA-F	
Signal Source	Built in high-speed noise modulation signal	
Module Protection	Temperature Protection, Standing Wave Protection	
LED Module indicator light	Power: Power indicator, RUN: work indicator, VSWR: Standing Wave warning Indicator	
Size	135*67*20mm	
Connector Type	1.Electrical and control interface: Feedthru capacitor. 2.RF Interface: SMA (Output);	



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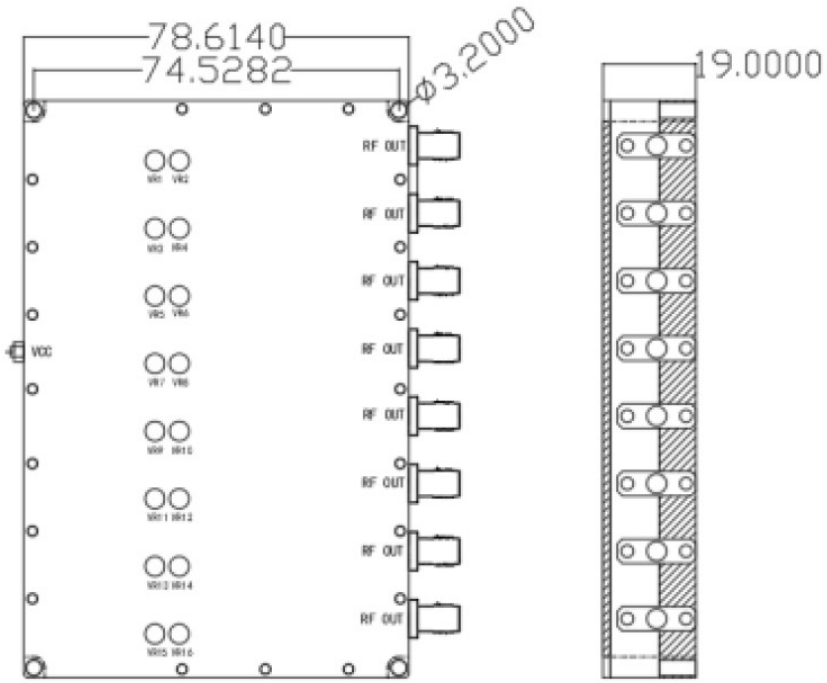
Analog VCO Signal Generator

Electrical & Mechanical Specifications	
Working Frequency(MHz)	315MHz, 360-370MHz,433-434MHz,729-790MHz,850-894MHz, 1930-1990MHz, 2110-2155MHz, 2550-2690MHz
Transmit Power	+2dBm
Noise Type	Analog Sweep
RF Connector	SMA Female Output
Channel Bandwidth	Debug Fixed Bandwidth by Frequency
Supply Voltage	32V
Board Power Consumption	<1W
Board Weight	100g
Dimension	36.5x73.5*16.5(except connector)



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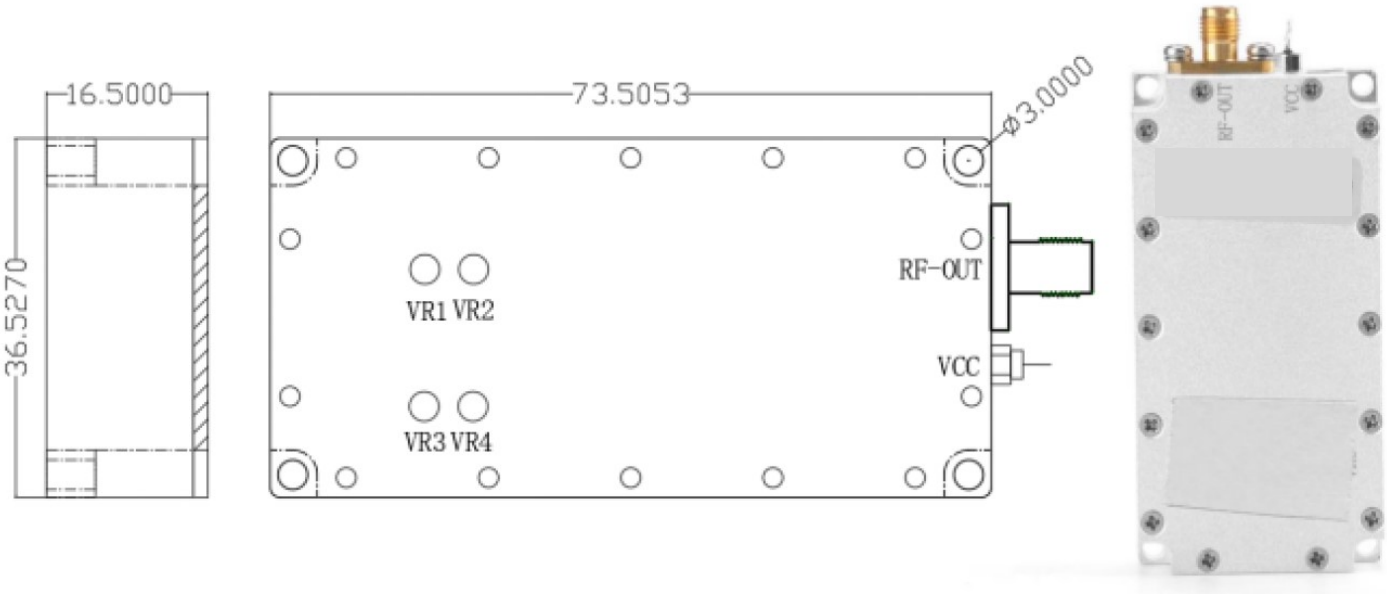
Analog Wideband Signal Generator

Electrical & Mechanical Specifications	
Working Frequency(MHz)	5150-6000MHz
Transmit Power	+2dBm
Noise Type	Analog Sweep
RF Connector	SMA Female Output
Channel Bandwidth	850M Bandwidth
Supply Voltage	32V
Board Power Consumption	<1W
Board Weight	100g(With Structure)
Dimension	36.5x73.5*16.5(without connector)
External Interface	No



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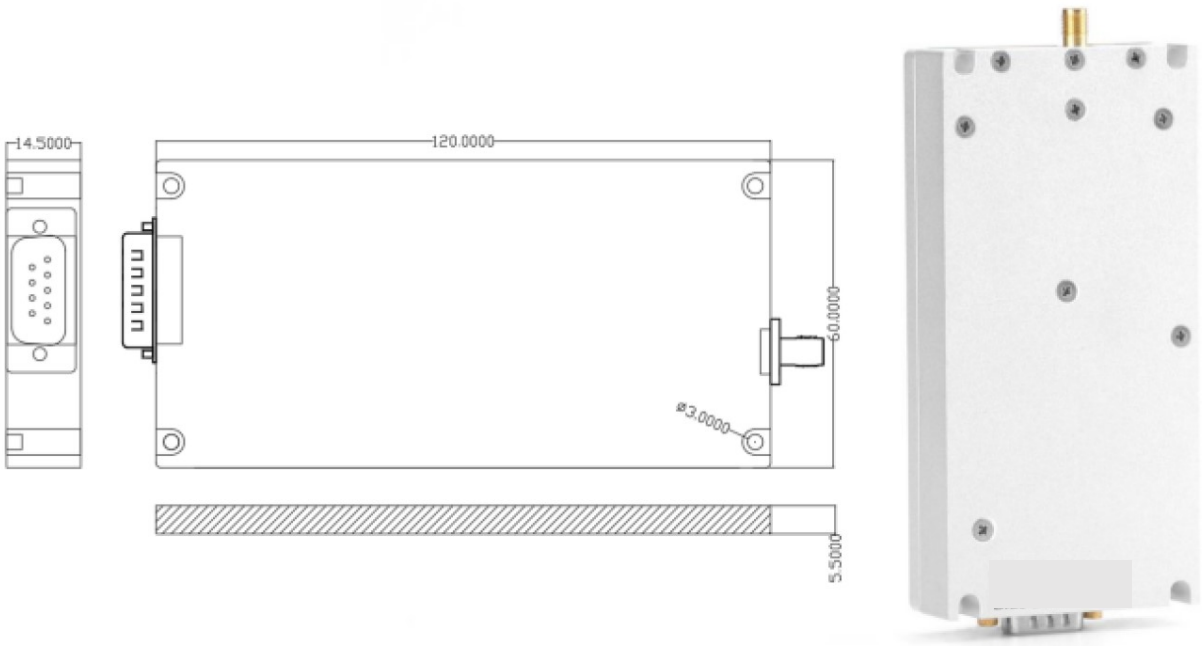
DDS Signal Generator 125M Wideband Module

Electrical & Mechanical Specifications	
Working Frequency(MHz)	20-100MHz/120-200MHz/200-300MHz/300-400Mhz/400-470MHz/851-894MHz/925-960MHz/1570-1620MHz/1805-1880MHz/2110-2170MHz/2400-2483MHz/5725-5850MHz
Transmit Power	+2dBm(Support 10db adjustment)
Noise Type	DDS Sweep
RF Interface	SMA Female Output
Channel Bandwidth	Can be arbitrarily configured within 125M bandwidth
Supply Voltage	12-32V
Board Power Consumption	<10W
Board Weight	150g(With Structure)
Dimension	60x120*20mm (without connector)
External Interface	RS485 control



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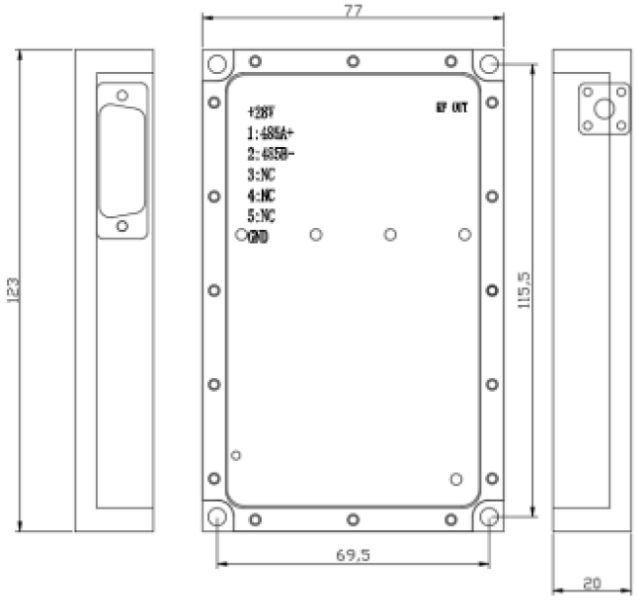
DDS Low Frequency Signal Generator

Electrical & Mechanical Specifications		Parameter	Remark
Working Frequency(MHz)		20M-500MHz	Low Frequency
Working Voltage		28V	12-30V
Max Output Power		4±1dBm	Typical
VSWR		≤1.5	No power, standard network output -10dBm
		≤1.5	Power On, Dual Directional Coupler Test
High and Low Temperature Test	Working Environment	-10°C ~+65°C	Low Temperature can start, monitoring works normally
	Gain Stability	±1dB@-20°C ~+55°C	
	Power Stability	±1dB@-20°C ~+55°C	
Power Requirements		≥0.6A@+28Vdc;	
Power Supply Interface, Monitoring Interface RS485		7W2	Male
RF Connector		SMA F	
Dimension		123mm*77mm*20mm	
Appearance (How to use)		Aluminum cavity form(no need to add radiator)	
Software Setting			
Monitoring Function		Description	Remark
Signal Generator Setting	Frequency Setting mode1	Setting within a single frequency range	Frequency Setting Accuracy 1M
	Frequency Setting mode2	Set the sweep mode, frequency, interval ,step and other parameters	
	Frequency Setting mode3	Set any 4 sub-frequency segments within the bandwidth, and a single subsegment needs to be incremented	
Module Communication		RS485	
Interface Definition		+:28V, -:GND; Control: 1:485A+, 2:485B-	



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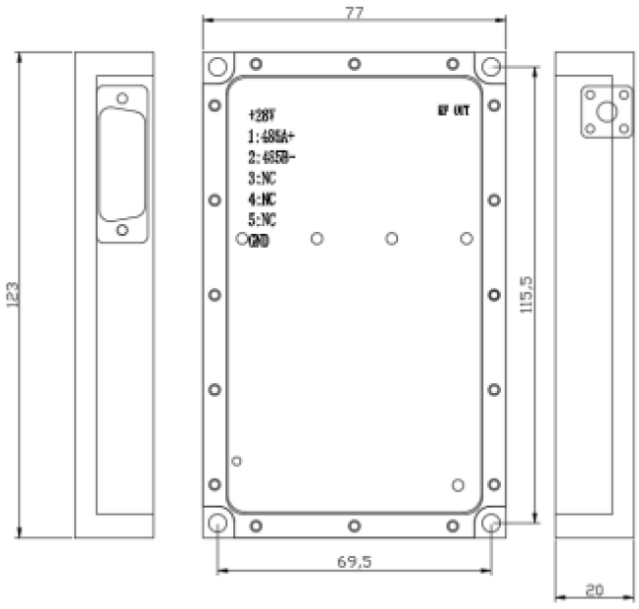
DDS High Frequency Signal Generator

Electrical & Mechanical Specifications		Parameter	Remark
Working Frequency(MHz)		500-6000MHz	High Frequency
Working Voltage		28V	12-30V
Max Output Power		4±1dBm	Typical
VSWR		≤1.5	No power, standard network output -10dBm
		≤1.5	Power On, Dual Directional Coupler Test
High and Low Temperature Test	Working Environment	-10°C ~+65°C	Low Temperature can start, monitoring works normally
	Gain Stability	±1dB@-20°C ~+55°C	
	Power Stability	±1dB@-20°C ~+55°C	
Power Requirements		≥0.8A@+28Vdc;	
Power Supply Interface, Monitoring Interface RS485		7W2	Male
RF Connector		SMA F	
Dimension		123mm*107mm*20mm	
Appearance (How to use)		Aluminum cavity form(no need to add radiator)	
Software Setting			
Monitoring Function		Description	Remark
Signal Generator Setting	Frequency Setting mode1	Setting within a single frequency range	Frequency Setting Accuracy 1M
	Frequency Setting mode2	Set the sweep mode, frequency, interval ,step and other parameters	
	Frequency Setting mode3	Set any 4 sub-frequency segments within the bandwidth, and a single subsegment needs to be incremented	
Module Communication		RS485	
Interface Definition		+:28V, -:GND; Control: 1:485A+, 2:485B-	



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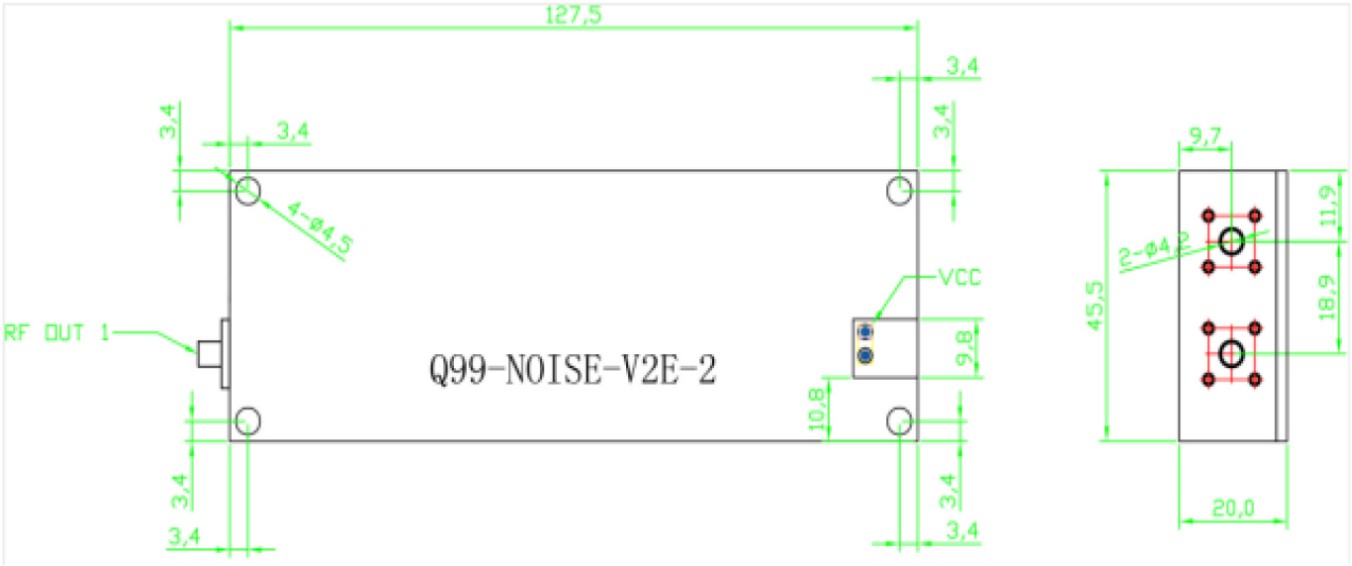
White Noise Signal Generator(1Band)

Electrical & Mechanical Specifications	
Item Name	White Noise Signal Generator(1Band)
Frequency Range	5500-5900MHz
Output Power(Max.)	0-10dBm
Ripple	≤1dB
Power Supply	DC:+28V ≤0.5A
RF Connector	SMA Female, 50 Ohm
Dimension	L*W*H: 127.5*45.5*20mm



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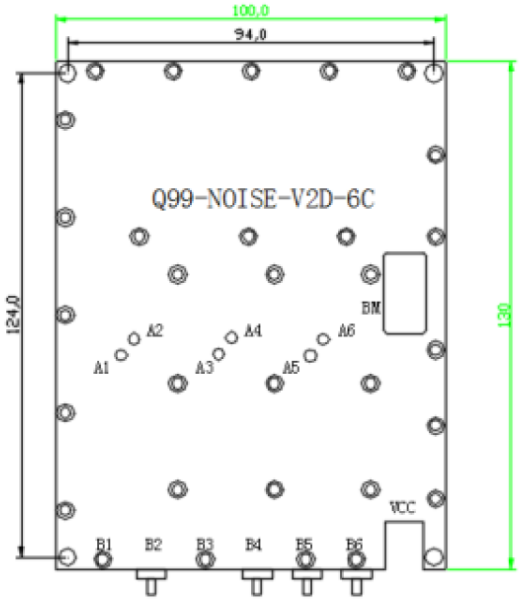
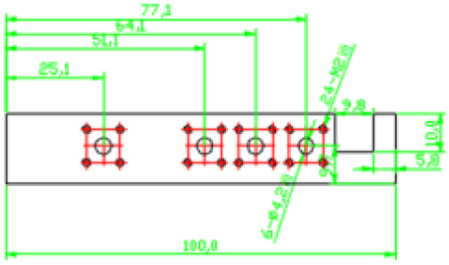
White Noise Signal Generator(4Band)

Electrical & Mechanical Specifications	
Item Name	White Noise Signal Generator(4Band)
Frequency Range	428-438MHz (B4)
	902-928MHz (B2)
	1560-1610MHz (B5)
	2400-2500MHz (B6)
Output Power(Max.)	0-10dBm
Ripple	≤1dB
Power Supply	DC:+28V ≤0.5A
RF Connector	4 SMA Female, 50 Ohm
Dimension	L*W*H: 130*100*20mm





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Portable Anti Drones

Electrical & Mechanical Specifications	
Item Name	Portable Anti Drones
Control Scope	≥30°(900m)
Control Distance	: ≥1500m
Regulated Frequency Band	1.2GHz/1.5GHz/2.4GHz/5.8GHz
Weight	≤4.5kg
Continuous Working Time	≥2 hours
Standby time	≥15 days
Working Principle of UAV Countermeasure equipment	Interrupting the communication between the remote-control system and the image transmission signal transmission system of the UAV by transmitting the jamming signal, so that the UAV enters the attitude mode, and realizes the forced landing or return of the UAV
Main Function	Have the ability to control drone remote control signals; Have the ability to control UAV navigation signals; Have the ability to control the UAV image transmission signal; Ability to drive away drones; Ability to force landing drones; Comes with rechargeable battery; With Power Display Function.

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Portable UAV Reconnaissance and Strike Integrated System

Electrical & Mechanical Specifications	
Item Name	Portable UAV Reconnaissance and Strike Integrated System
Optional Frequency	2.4GHz/5.8GHz/Other
Optional Distance	3km/5km/others
Optional Module	Direction finding /whitelist/precision strike power supply mode: built in battery/external power supply
Regulated Frequency Band	1.2GHz/1.5GHz/2.4GHz/5.8GHz
Weight	40kg
Advantages	Easy to transport, high integration, fast deployment, strong
Highly integrated design	Detection, early warning and strike All-in -one integrated design, with functions such as detection, strike, calculation, etc.... The built-in battery can be disconnected from the network. It is suitable for a variety of rapid response needs, flexible and rapid deployment and dynamic and efficient prevention and control.
Easy to transport and carry	The appearance of the wheeled trolley case can be pulled together with the car and the person will go immediately, not afraid of emergencies and defense blanks, the transportation is simple and convenient, and the personal carrying is easy

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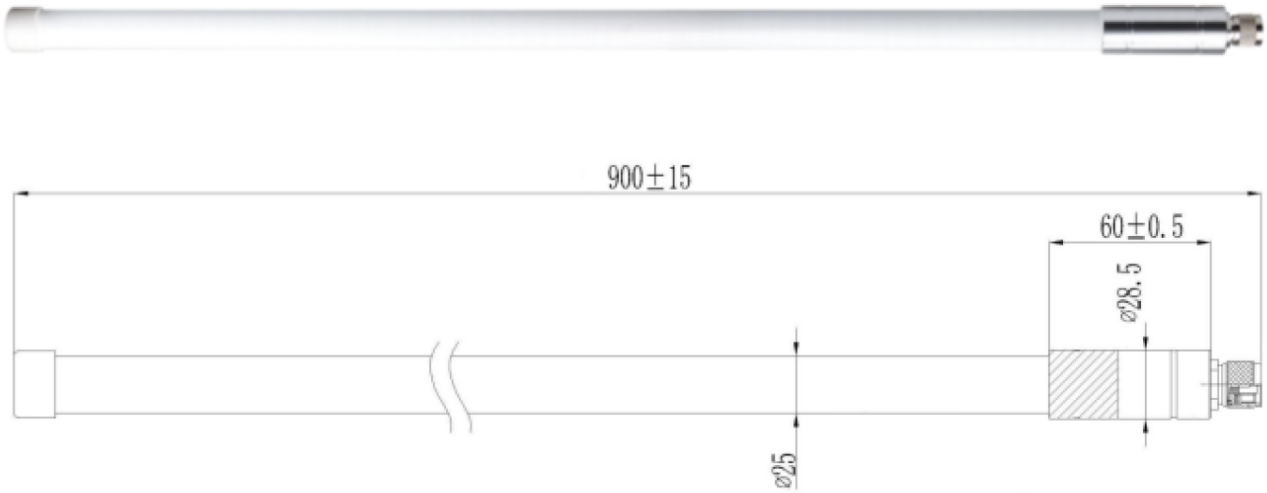
Omni Antenna

Electrical & Mechanical Specifications							
Name	Omni Antenna						
Frequency Range	900MHz~930MHz						
Peak Gain	8.0 dBi						
VSWR	≤ 1.5						
Efficiency	≤ 65%						
Feed Impedance	50Ohms						
Polarization	Vertical						
Cover Material (Color)	Fiber Glass(White)						
Connector Type	N-type male						
Dimensions(mm)	Φ 25.0mm x 900.0mm						
Operating Temp(°C)	-30°C ~ +65°C						
Humidity Range	5% ~ 95%						
VSWR	902MHz		910MHz		928MHz		
	1.28		1.20		1.17		
	900	905	910	915	920	925	930
Gain(dBi)	6.3	6.6	7.6	7.3	7.4	7.6	9.3
Efficiency(%)	43.3	47.1	50.4	52.6	52.4	52.7	50.9
Average Efficiency(%)	50.0						



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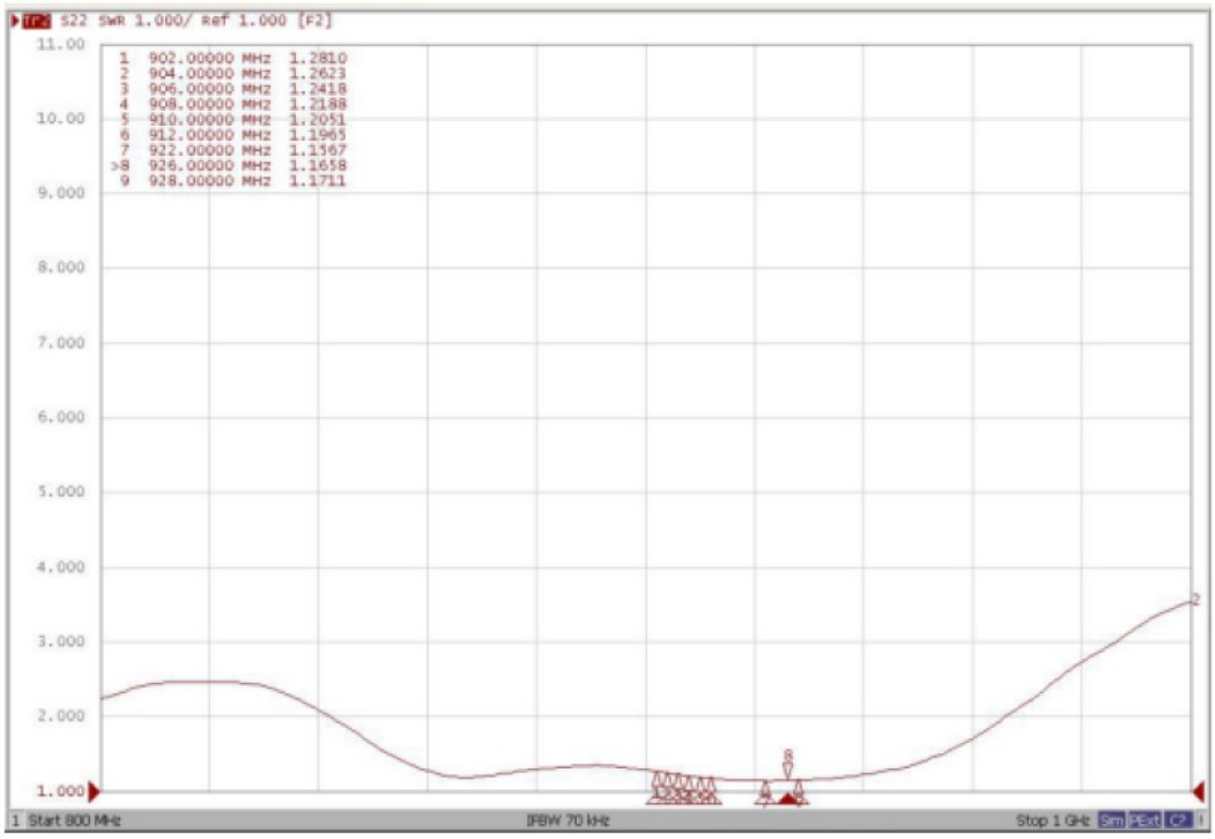
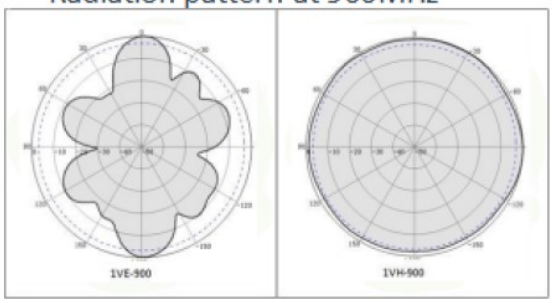
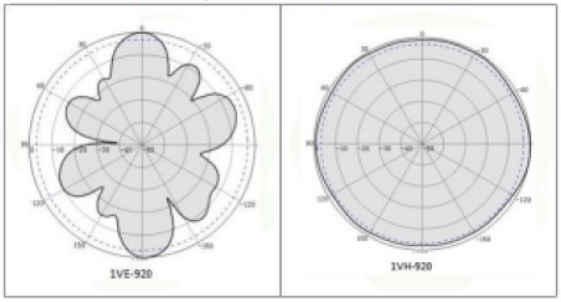
VSWR graph



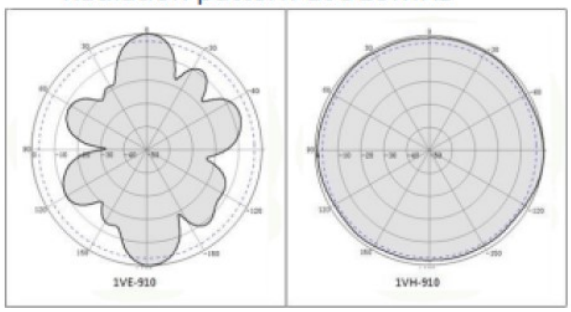
Radiation pattern at 900MHz



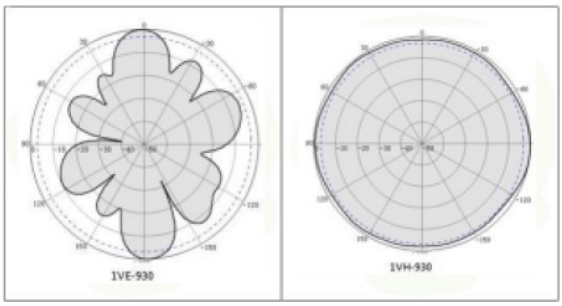
Radiation pattern at 920MHz



Radiation pattern at 910MHz



Radiation pattern at 930MHz



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Omni Antenna 868-915 MHz

Electrical & Mechanical Specifications	
Name	Omni Antenna
Frequency Range	868-915MHz
Gain	4/5/6/7/8/10/12 dBi or customized
VSWR	≤ 1.5
Impedance	50Ohms
Polarization	Vertical
Maximum Input Power	100W
Lightning Protection	DC Ground
Connector Type	SMA/N/Mini Din/Din
Dimensions(mm)	Φ 260x 1000mm or customized
Antenna Weight	2kg
Material	Fiber Glass
Rated wind velocity	70 m/s
Operating Temp(°C)	-40°C ~ +60°C

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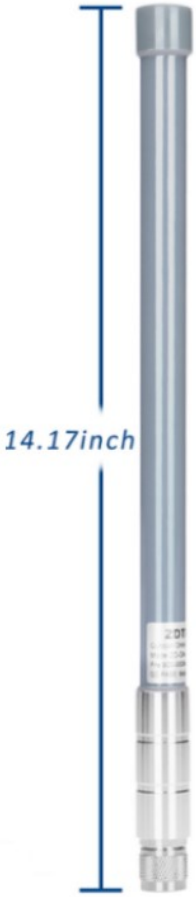
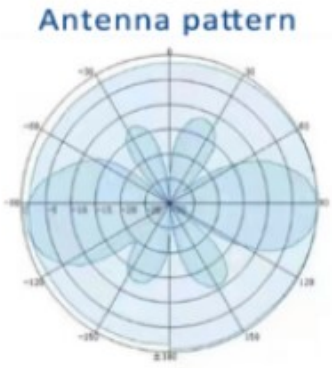
Omni Antenna (400-440MHz)



Electrical & Mechanical Specifications	
Name	Omni Antenna
Frequency Range	400-440MHz
Gain	7dBi
VSWR	≤ 1.5:1
Impedance	50Ohms
Polarization	Vertical
Horizontal 3dB Beamwidth	360°
Vertical 3dB Beamwidth	18°
Power Handling	100W
Input Connectors	N-Male
Connector Position	Bottom
Dimensions(mm)	360x Φ 23mm or customized
Antenna Weight	3.32kg
Material	Fiber Glass
Maximum wind velocity	200km/hr
Radome Material	Fiber Glass
Mounting Kit	Included
Mounting Pole Diameter	Φ30-55mm
Operating Temp(°C)	-40°C ~ +60°C
Storage Temp(°C)	-40°C ~ +60°C
Relative Humidity	5%-95%



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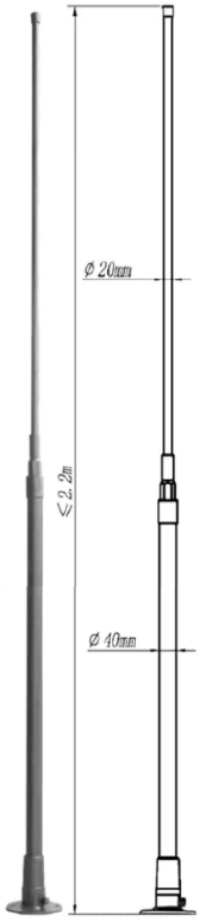
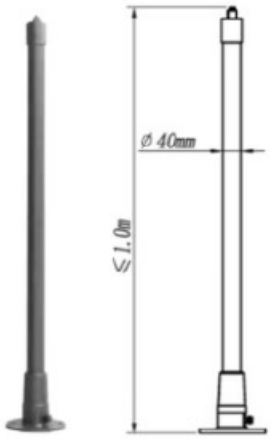
Omni Antenna 25-80MHz

Electrical & Mechanical Specifications	
Name	Omni Antenna
Frequency Range	25-80MHz
Gain	-2dBi
Radiation Pattern	Omni Directional
Antenna Type	Monopole
VSWR	≤ 3.0
Impedance	50Ohms
Polarization	Vertical
Horizontal Beamwidth	360°
Power Handling	100W
Input Connectors	N-Male
Connector Position	Bottom
Dimensions(mm)	360x Φ 23mm or customized
Weight	≤3.0kg
Height	≤2.2kg
Material	Fiber Glass
Radome Material	Fiber Glass
Color	Black
Composition	2 Section



Bottom Stand



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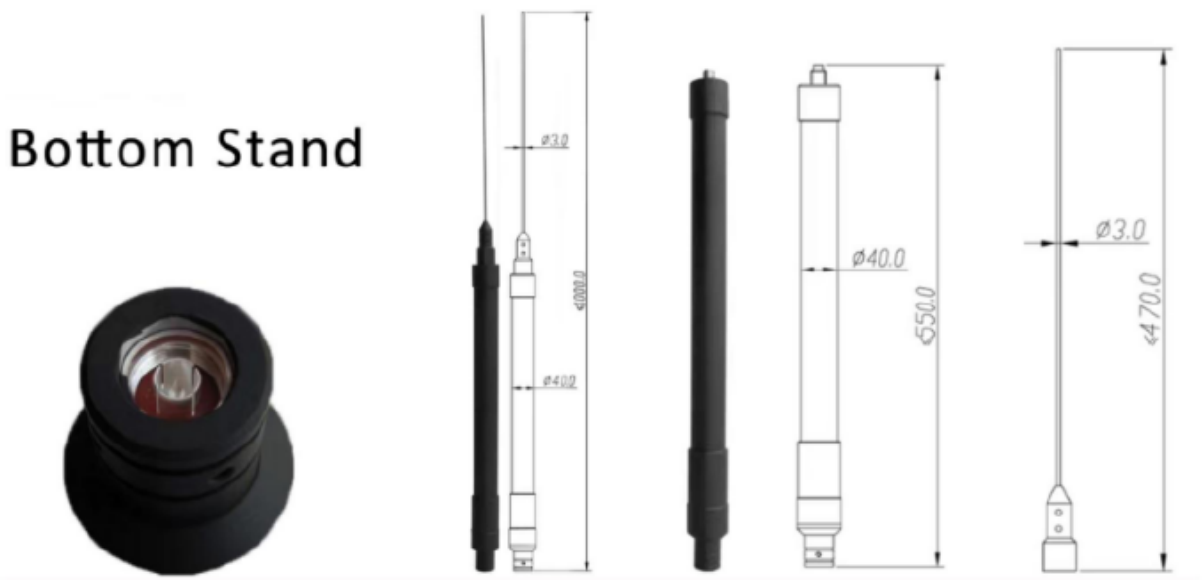
Omni Antenna 100-200MHz

Electrical & Mechanical Specifications	
Name	Omni Antenna
Frequency Range	100-200MHz
Gain	0dBi
Radiation Pattern	Omni Directional
Antenna Type	Monopole
VSWR	≤ 3.0
Impedance	50Ohms
Polarization	Vertical
Horizontal Beamwidth	360°
Power Handling	50W
Input Connectors	N-Male
Connector Position	Bottom
Weight	≤1kg
Height	≤1000mm
Material	Fiber Glass
Radome Material	Fiber Glass
Color	Black
Composition	2 Section



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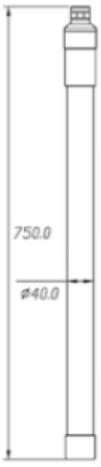
Omni Antenna (215-280MHz)

Electrical & Mechanical Specifications	
Name	Omni Antenna
Frequency Range	215-280MHz
Gain	2.5dBi
Radiation Pattern	Omni Directional
Antenna Type	Monopole
VSWR	≤ 2.8
Impedance	50Ohms
Polarization	Vertical
Horizontal Beamwidth	360°
Power Handling	100W
Input Connectors	N-Male
Connector Position	Bottom
Weight	≤1kg
Height	≤750mm
Radome Material	Fiber Glass
Color	Black
Composition	Single Section

Picture of RF connector



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Directional Antenna(2400-2500MHz)

Electrical & Mechanical Specifications	
Name	Directional Antenna
Frequency Range	2400-2500MHz
Element	14
Gain	14 dBi
Half Power Beam width(°)	Hor:34 Ver:32
Antenna Type	Monopole
VSWR	≤ 1.5
Impedance	50Ohms
Polarization	Vertical
Horizontal Beamwidth	360°
Power Handling	50W
Lightning Protection	Lightning Protection
Input Connectors	N-F/n-j
Antenna Size	580*75*45
Package Size(mm)	600*90*50
Weight	0.35kg
Effective Wind Area	≤0.2 m square
Rated Wind Velocity	36.9 m/s
Radiant Material	Aluminum
Installation Method	Pole
Working Temperature(°C)	-40-90

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SRFS Teleinfra

Directional Antenna(5150-5850MHz)

Electrical & Mechanical Specifications	
Name	Directional Antenna
Frequency Range	5150-5850MHz
Front to Back Ratio(dB)	≥15dB
Gain	15±1 dBi
Half Power Beam width(°)	Hor:33±3 Ver:31±3
VSWR	≤ 1.5
Impedance	50Ohms
Polarization	Vertical
Maximum Input Power	100
Lightning Protection	c
Element	16
Length	460mm
Weight	0.5kg
Input Connectors	N-Female
Cable	30cm RG58/U, Black
Rated Wind Velocity	60 m/s
Mounting Hardware	Φ40-50Φ

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