NANJING SHINEWAVE

NANJING SHINEWAVE TECHNOLOGY CO., LTD.

Your RF Amplifier Expert!

Providing Electronic Components
Providing RF Equipment
Customizable Service

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NANJING SHINEWAVE TECHNOLOGY CO., LTD

CORPORATE CULTURE

ENTERPRISE MISSION

Continue To Create Value For Customers, Create Opportunities For Employees, And Create Benefits For Society.

ENTERPRISE VALUES

Integrity, Respect, Harmony, Courage To Pursue The Best.

ENTERPRISE OBJECTIVE

Sincere Treatment, Win-Win Growth.

ENTERPRISE SPIRIT

Integrity-Based, Customer First, Quality Must Be Excellent, Harmony Will Thrive.

NANJING SHINEWAVE

COMPANY INTRODUCTION

Nanjing Shinewave Technology Co., Ltd. was established in 2008, is a professional engaged in RF microwave power amplifier, active devices, passive devices and subsystems research and development, production and sales of the company. Relying on the academic research team of well-known universities, the company has established an innovative research and development team with doctoral and master's talents, and continues to attract outstanding talents in the industry and outstanding students from famous universities to expand the team.

The company has about 20 authorized invention patents in microwave devices, circuits, antennas, etc. Applications include radar, electronic countermeasures, aerospace, navigation and other military fields, but also widely used in microwave communications, mobile communications and other civilian markets. The products cover RF and microwave devices, components and antennas, among which, the active products include high-power solid-state microwave power amplifier, low noise amplifier, transceiver components, up and down frequency converter, frequency source, etc. Passive products include microwave filters, diplexers, power splitters, couplers, power synthesizers, etc. The antenna products are dominated by various ultra-wideband and high-gain horn antennas. The product operating frequency covers VHF, UHF, L-band, S-band, C-band, X-band, Ku-band and so on.

We provide customers with customized product development services, dedicated to provide customers with fast quality products and services.

PRODUCT INTRODUCTION

EMC Test Amplifiers

Antenna

Single Polarized Corner Horn Antenna

Double-Polarized Corner Horn Antenna

Dual Polarized Conical Horn Antenna

Single Polarized Double Ridge Ultra-Wideband Horn Antenna

Dual-Polarized Four-Ridge Ultra-Wideband Horn Antenna

Single Polarization/Dual Polarization Vivaldi Antenna

RF/Microwave Power Amplifiers

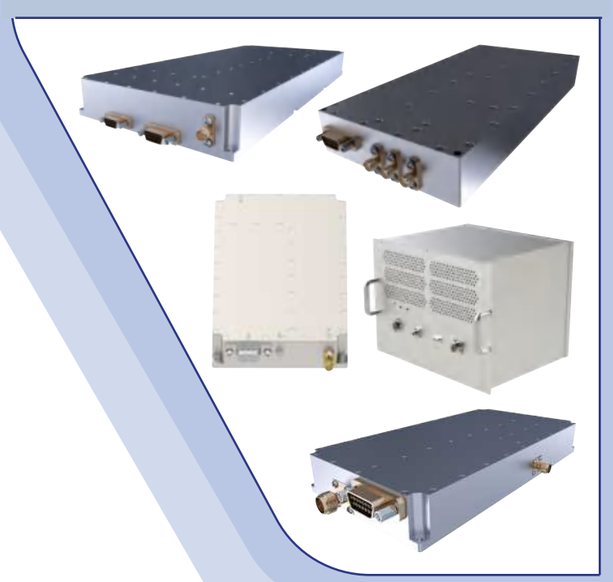
1, VLF/VHF/UHF Broadband Power Amplifier

2, L,S- Band Power Amplifiers

3, C,X,Ku- Band Power Amplifiers

4, L,S C,X,Ku Ultra Wideband Power Amplifiers

5, Ultra Broadband High Power Amplifiers



Anti-Jamming Antenna

1. Good For Airborne, Vehicle-Borne, Ship-Borne, Ground Systems And Other Application Platforms

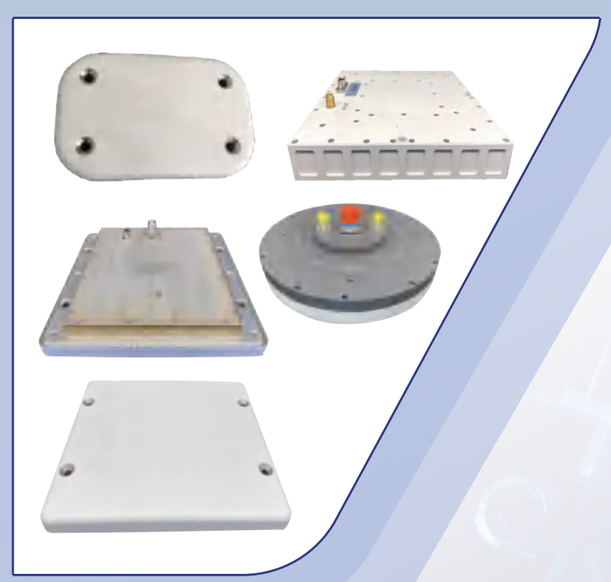
2. Suitable For GPS, GLONASS, BEIDOU, Galileo

3. Multi Array Design,Such As 2/4/7/9 Channels

4. NMEA0183 International Universal Data Package, Compatible With Various Flight Control Systems

5. Light Weight

6. Supply OEM .ODM



PRODUCT DISPLAY

EMC TEST POWER AMPLIFIERS

FEATURES

1. Frequency coverage 9KHz-40 GHz;
2. Power range 10W -8000W;
3. All solid-state, high reliability, and long service life;
4. Suitable for application on platforms such as vehicle/carrier/airborne platforms;
5. Equipped with remote control, over temperature and standing wave protection functions;
6. Applied to testing systems such as EMC,etc;
7. Continuous wave or pulse working mode;
8. LCD status display;
9. Network port/serial port communication;

APPLICATIONS

1. Electromagnetic compatibility ofmilitary
2. Sensitivity testing of military equipment
3. Military electronic interference systems
4. Antenna measurement systems
5. RS103 system
6. Vehicle testing

TYPICAL PRODUCT

PRODUCT MODEL	FREQUENCY RANGE(MHz)	OUTPUT POWER (W)	VOLTAGE (V)	SIZE(mm)	SIGNAL TYPE
SW_PA_0R0100010	10KHz-10MHz	8000W	380VAC	40U	Continuous wave
SW_PA_0R0100010	10KHz-10MHz	3500W	380VAC	30U	Continuous wave
SW_PA_00800400	80MHz-400MHz	2000W	380VAC	30U	Continuous wave
SW_PA_01000500	100MHz-500MHz	6000W	380VAC	40U	Continuous wave
SW_PA_10002000	1GHz-2GHz	8000W	220VAC	16U	Pulse
SW_PA_10002000	1GHz-2GHz	1000W	220VAC	16U	Continuous wave
SW_PA_10002500	1GHz-2.5GHz	200W	220VAC	5U	Continuous wave
SW_PA_10002500	1GHz-2.5GHz	800W	220VAC	8U	Continuous wave
SW_PA_20004000	2GHz-4GHz	4000W	380VAC	40U	Continuous wave
SW_PA_20004000	2GHz-4GHz	2000W	380VAC	30U	Continuous wave
SW_PA_10006000	1GHz-6GHz	200W	220VAC	6U	Continuous wave
SW_PA_25006000	2.5GHz-6GHz	200W	220VAC	5U	Continuous wave
SW_PA_25006000	2.5GHz-6GHz	600W	220VAC	8U	Continuous wave
SW_PA_40008000	4GHz-8GHz	2000W	380VAC	30U	Continuous wave
SW_PA_40008000	4GHz-8GHz	4000W	380VAC	40U	Continuous wave
SW_PA_800012000	8GHz-12GHz	6000W	380VAC	40U	Continuous wave
SW_PA_800012000	8GHz-12GHz	2000W	380VAC	30U	Continuous wave
SW_PA_600018000	6GHz-18GHz	200W	220VAC	8U	Continuous wave
SW_PA_1200018000	12GHz-18GHz	2000W	380VAC	40U	Continuous wave
SW_PA_1800026500	18GHz-26.5GHz	500W	380VAC	30U	Continuous wave
SW_PA_1800026500	18GHz-26.5GHz	50W	220VAC	5U	Continuous wave
SW_PA_2650040000	26.5GHz-40GHz	500W	380VAC	30U	Continuous wave
SW_PA_2650040000	26.5GHz-40GHz	40W	220VAC	5U	Continuous wave

PRODUCT DISPLAY

POWER AMPLIFIER

UHF, VHF Band Power Amplifier

FEATURES

1. Minimum frequency 9kHz, covering LHF/HF/VHF/UHF frequency bands;
2. All-solid-state power amplifier design, using LDMOS technology;
3. Power can reach more than KW;
4. Continuous wave or pulse working mode;
5. Standing wave protection/temperature protection/overcurrent protection;
6. LCD status display;
7. Network port/serial port communication;
8. Low frequency multioctave power synthesis technology.

APPLICATIONS

Civil communication, frequency modulation

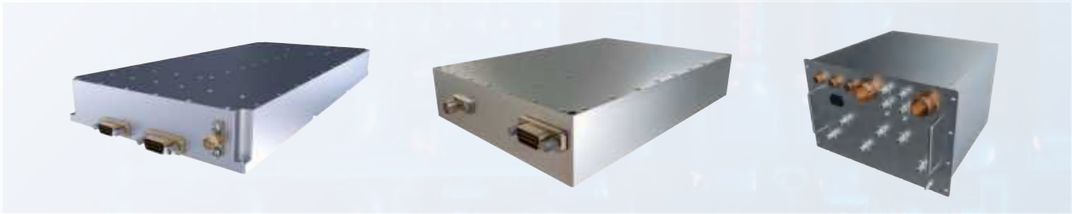
Avionics

Electronic countermeasures and jamming

TYPICAL PRODUCT

PRODUCT MODEL	FREQUENCY RANGE(MHz)	OUTPUT POWER RANGE (W)	GAIN(dB)	VOLTAGE (V)	SIZE(mm)	SIGNAL TYPE
SW_PA_00300512_50C	30MHz-512MHz	100W	50	28	200*120*25mm	Continuous wave
SW_PA_00300512_47C	30MHz-512MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_00300512_56C	30MHz-512MHz	400W	56	220AC	6U 19Inch	Continuous wave
SW_PA_03001000_50C	300MHz-1000MHz	100W	50	28	200*120*25mm	Continuous wave
SW_PA_03001000_47C	300MHz-1000 MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_03001000_56C	300MHz-1000MHz	400W	56	220AC	6U 19Inch	Continuous wave
SW_PA_0R1000500_47C	100kHz-500MHz	50W	47	28	250*160*27mm	Continuous wave
SW_PA_00801000_58C	80MHz-1000MHz	600W	28	220AC	8U 19Inch	Continuous wave
SW_PA_0R1000500_50C	100kHz-500MHz	100W	50	28	230*120*25mm	Continuous wave
SW_PA_0R0090250_57C	9KHz-250MHz	500W	57	220VAC	5U 19Inch	Continuous wave

L, S-Band Power Amplifier



FEATURES

1. All solid state design;
2. Single module power can reach 200W or more;
3. Continuous wave use or pulse use;
4. Use LDMOS/GaN technology;
5. Standing wave protection/temperature protection/ overcurrent protection;
6. Miniaturized module design.

APPLICATIONS

Communication equipment

Medical equipment

Radar system

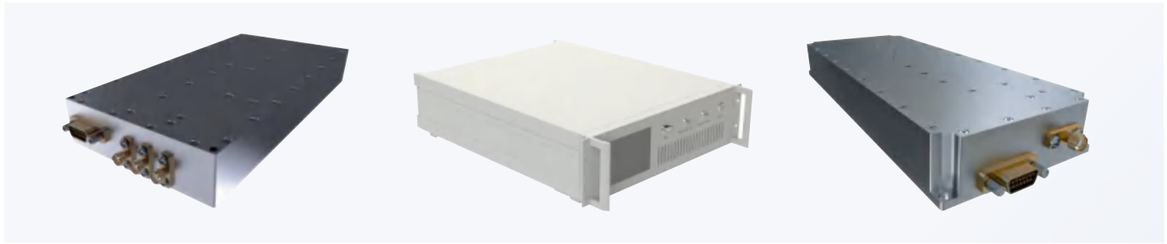
Electronic countermeasures and jamming

TYPICAL PRODUCT

PRODUCT MODEL	FREQUENCY RANGE(MHz)	OUTPUT POWER RANGE (W)	GAIN(dB)	VOLTAGE (V)	SIZE(mm)	SIGNAL TYPE
SW_PA_08300940_53C	830-940MHz	200W	53	220VAC	4U 19Inch	Continuous wave
SW_PA_23002550_47C	830-940MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_09250960_50C	925-960MHz	100W	50	28	200*120*25mm	Continuous wave
SW_PA_09250960_47C	925-960MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_09601215_53C	960-1215MHz	200w	53	28	200*120*25mm	Continuous wave
SW_PA_09601215_50C	960-1215MHz	100w	50	28	200*120*25mm	Continuous wave
SW_PA_09601215_47C	960-1215MHz	50w	47	28	162*90*23mm	Continuous wave
SW_PA_11001600_56C	1100-1160MHz	400W	56	220VAC	5U 19Inch	Continuous wave
SW_PA_11001160_47C	1100-1160MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_11501130_50C	1150-1300MHz	100W	50	28	200*120*25mm	Continuous wave
SW_PA_11501130_47C	1150-1300MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_13001400_50C	1300-1400MHz	100W	50	28	200*120*25mm	Continuous wave
SW_PA_13001400_47C	1300-1400MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_15501620_50C	1550-1620MHz	100W	50	28	200*120*25mm	Continuous wave
SW_PA_15501620_47C	1550-1620MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_18051880_59C	1805-1880MHz	800W	59	220VAC	8U 19Inch	Continuous wave
SW_PA_18051880_47C	1805-1880MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_19301990_50C	1930-1990MHz	100W	50	28	200*120*25mm	Continuous wave
SW_PA_19301990_47C	1930-1990MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_21102170_50C	2110-2170MHz	100W	50	28	200*120*25mm	Continuous wave
SW_PA_21102170_47C	2110-2170MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_21102170_50C	2300-2550MHz	100W	50	28	200*120*25mm	Pulse
SW_PA_21102170_47C	2300-2550MHz	50W	47	28	162*90*23mm	Pulse
SW_PA_24002500_50C	2400-2500MHz	100W	50	28	200*120*25mm	Continuous wave
SW_PA_24002500_47C	2400-2500MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_26202690_50C	2620-2690MHz	100W	50	28	200*120*25mm	Continuous wave
SW_PA_26202690_47C	2620-2690MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_27002900_50C	2700-2900MHz	100W	50	32	200*120*25mm	Pulse
SW_PA_27002900_50C	2988-3008MHz	450W	56	48	4U 19Inch	Pulse

PRODUCT DISPLAY

C,X,Ku K Band Power Amplifiers



FEATURES

1. All-solid-state power amplifier design;
2. Single module power can reach 200W or more;
3. Continuous wave use or pulse use;
4. Use GaN technology or GaAs technology;
5. High efficiency;
6. Standing wave protection/temperature protection/overcurrent protection;
7. Miniaturized module design;
8. Use power synthesis technology.

APPLICATIONS

Military and space

Testing instrument

Communication system

Satellite communication

TYPICAL PRODUCT

PRODUCT MODEL	FREQUENCY RANGE(MHz)	OUTPUT POWER RANGE (W)	GAIN(dB)	VOLTAGE(V)	SIZE(mm)	SIGNAL TYPE
SW_PA_57005800_53C	5700-5800MHz	200W	53	220VAC	4U 19Inch	Continuous wave
SW_PA_57205850_50C	5720-5850MHz	100W	50	28	200*120*25mm	Continuous wave
SW_PA_57205850_47C	5720-5850MHz	50W	47	28	200*120*25mm	Continuous wave
SW_PA_57205850_40C	5720-5850MHz	10W	40	28	162*90*23mm	Continuous wave
SW_PA_45005000_50C	4500-5000MHz	100W	50	28	200*120*25mm	Continuous wave
SW_PA_45005000_47C	4500-5000MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_800011000_50C	8000-11000MHz	100W	50	28	150*90*22mm	Continuous wave
SW_PA_800011000_47C	8000-11000MHz	50W	47	28	200*120*25mm	Continuous wave
SW_PA_24400025000_50C	24400-25000MHz	100W	50	28	162*90*23mm	Continuous wave
SW_PA_24400025000_47C	24400-25000MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_24400025000_40C	24400-25000MHz	10W	40	28	162*90*23mm	Continuous wave
SW_PA_10700_12750_47C	10700-12750MHz	50W	47	28	200*120*25mm	Continuous wave
SW_PA_55008500_56C	5.5GHz-8.5GHz	400W	56	220VAC	16U 19Inch	Continuous wave
SW_PA_1270018000_56C	12.7GHz-18GHz	400W	56	220VAC	16U 19Inch	Continuous wave
SW_PA_1350014500_53C	13.5GHz-14.5GHz	200W	53	220VAC	8U 19Inch	Continuous wave
SW_PA_79008400_56C	7.9GHz-8.4GHz	400W	56	220VAC	16U 19Inch	Continuous wave
SW_PA_1340015500_53C	13.4GHz-15.5GHz	200W	53	220VAC	8U 19Inch	Continuous wave

Ultra Wideband Power Amplifiers

FEATURES

1. Covering L, S, C, Ku and other bands);
2. All-solid-state power amplifier design;
3. Single module power can reach 100W or more;
4. Continuous wave use or pulse use;
5. Use GaN technology;
6. High efficiency;
7. Standing wave protection/temperature protection/overcurrent protection;
8. Miniaturized module design;
9. Uwb power synthesis technology.

APPLICATIONS

Electronic countermeasures

Military and space

Testing instrument

Medical electronics

Electromagnetic compatibility system

TYPICAL PRODUCT

PRODUCT MODEL	FREQUENCY RANGE(MHz)	OUTPUT POWER RANGE (W)	GAIN(dB)	VOLTAGE (V)	SIZE(mm)	SIGNAL TYPE
SW_PA_05002500_59C	500MHz-2500MHz	800W	59	220VAC	8U 19Inch	Continuous wave
SW_PA_05002500_47C	500MHz-2500MHz	50W	47	28	162*90*23mm	Continuous wave
SW_PA_05002500_40C	500MHz-2500MHz	10W	40	28	162*90*23mm	Continuous wave
SW_PA_10002000_58C	1000MHz-2000MHz	600W	58	220VAC	8U 19Inch	Continuous wave
SW_PA_10002000_47C	1000MHz-2000MHz	50W	47	28	200*120*25mm	Continuous wave
SW_PA_10002000_40C	1000MHz-2000MHz	10W	40	28	162*90*23mm	Continuous wave
SW_PA_20006000_56C	2000MHz-6000MHz	400W	56	220VAC	5U 19Inch	Continuous wave
SW_PA_20006000_47C	2000MHz-6000MHz	50W	47	28	200*120*25mm	Continuous wave
SW_PA_20006000_40C	2000MHz-6000MHz	10W	40	28	162*90*23mm	Continuous wave
SW_PA_600018000_50C	6000MHz-18000MHz	100W	50	220VAC	4U 19Inch	Continuous wave
SW_PA_600018000_47C	6000MHz-18000MHz	50W	47	220VAC	4U 19Inch	Continuous wave
SW_PA_600018000_40C	6000MHz-18000MHz	10W	40	28	200*120*26mm	Continuous wave
SW_PA_00801000_56C	80MHz-1000MHz	400W	56	220VAC	4U 19Inch	Continuous wave
SW_PA_10006000_50C	1000MHz-6000MHz	100W	50	220VAC	5U 19Inch	Continuous wave
SW_PA_200018000_50C	2000MHz-18000MHz	100W	50	220VAC	4U 19Inch	Continuous wave
SW_PA_200018000_47C	2000MHz-18000MHz	50W	47	220VAC	4U 19Inch	Continuous wave

PRODUCT DISPLAY

High Power Broadband Solid State Continuous Wave,Pulse Power Amplifiers

FEATURES

1. Cover L, S, C, Ku and other bands;
2. All-solid-state power amplifier design;
3. Power can reach more than 10KW; 4. Continuous wave or pulse working mode;
5. Use GaN technology;
6. Standing wave protection/temperature protection/ overcurrent protection;
7. LCD status display;
8. Network port/serial port communication;
9. Multi-channel high-power synthesis technology.

APPLICATIONS

Passive device intermodulation test

Passive device power tolerance test

Wireless communication jamming and countermeasure system

Metrological detection

Electromagnetic compatibility system

TYPICAL PRODUCT

PRODUCT MODEL	FREQUENCY RANGE(MHz)	OUTPUT POWER RANGE (W)	GAIN(dB)	SIZE(mm)	SIGNAL TYPE
SW_PA_0R100_0500_53C	100kHz-100MHz	200W	53	4U 19Inch	Continuous wave
SW_PA_00801000_60C	80MHz-1000MHz	1000W	60	8U 19Inch	Continuous wave
SW_PA_01770433_60C	177MHz-433MHz	1000W	60	8U 19Inch	Continuous wave
SW_PA_10002000_60C	1000MHz-2000MHz	1000w	60	4U 19Inch	Pulse
SW_PA_10002000_66C	1000MHz-2000MHz	4000w	66	8U 19Inch	Pulse
SW_PA_20006000_53C	2000MHz-6000MHz	200W	53	4U 19Inch	Pulse

ANTENNA

VIVALDI Antenna

Conical Horn Antenna

Pyramidal Horn Antenna

PRODUCT PARAMETER

PRODUCT MODEL	ANTENNA FORM	FREQUENCY RANGE	STANDING WAVE	POLARIZATION	GAIN	INTERFACE FORM	MOUTH SIZE	SURFACE TREATMENT	OPERATING TEMPERATURE	OPERATING TEMPERATURE
SH-AnT-00302	VIVALDI antenna	0.3GHz ~ 2GHz	<2.5 (typical value)	Horizontal and vertical bi-linear polarization	> -10dBi	SMA-50K	≤231mm	Conductive oxidation	-40~70℃	-55~80℃
SH-AnJ-0208	Cone horn	2GHz ~ 8GHz	≤2.0	Unilinear polarization	8 ~ 12dB	SMA-50K	138.27x168.38mm	Conductive oxidation	-40~70℃	-55~80℃
SH-AnJ-0218	Cone horn	2GHz ~ 18GHz	2 (typical value)	Unilinear polarization	6.6~21.3dB	SMA-50K	108.13x88.1mm	Conductive oxidation	-40~70℃	-55~80℃
SH-AnJ-0618-L	Cone horn	6GHz ~ 18GHz	≤2	Unilinear polarization	10 ~ 16.5dB	SMA-50K	70.13x55.1mm	Conductive oxidation	-40~70℃	-55~80℃
SH-AnT-00818	Conical horn	0.8GHz ~ 18GHz	<3	Horizontal and vertical cross polarization	-4 ~ 18dB	2.92mm	≤193mm	Conductive oxidation	-40~70℃	-55~80℃
SH-AnT-0118	Conical horn	1GHz ~ 18GHz	<3	Horizontal and vertical cross polarization	2 ~ 21dB	SMA-50K	≤193mm	Conductive oxidation	-40~70℃	-55~80℃
SH-AnT-0218	Conical horn	2GHz ~ 18GHz	<2.5	Bilinear polarization	5 ~ 18dB	SMA-50K	≤140mm	Conductive oxidation	-40~70℃	-55~80℃
SH-AnT-0618	Conical horn	6GHz ~ 18GHz	< 2	Horizontal and vertical cross polarization	12 ~ 18dB	SMA-50K	≤99mm	Conductive oxidation	-40~70℃	-55~80℃
SH-AnT-0823	Conical horn	8GHz ~ 23GHz	< 2	Horizontal and vertical cross polarization	13~19dB	SMA-50K	≤77mm	Conductive oxidation	-40~70℃	-55~80℃
SH-AnT-1840	Conical horn	18GHz ~ 40GHz	<2.5	Horizontal and vertical cross polarization	14 ~ 20dB	SMA-K	≤34mm	Conductive oxidation	-40~70℃	-55~80℃
SH-AnT-3338	Conical horn	33GHz ~ 38GHz	< 2	Bilinear polarization	17 ~ 19dB	2.92-50K	≤40mm	Conductive oxidation	-40~70℃	-55~80℃
SH-AnT-3436	Conical horn	34GHz ~ 36GHz	< 2	Horizontal and vertical cross polarization	18dB	2.92-50K	≤31mm	Conductive oxidation	-40~70℃	-55~80℃

PRODUCT DISPLAY

GNSS ANTI-JAMMING ANTENNAS

SWT-JRT-2G-01 GPS (2-Element GPS L1/Beidou2 -B1 ANTI-JAMMING ANTENNA)

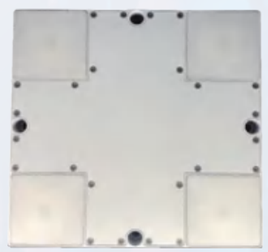
FEATURES
1. Receiving BD2-B1/GPS L1/GLONASS L1 satellite navigation signals, and realize anti-jamming function for BD2-B1/GPS L1 frequency signals; 2. Power supply and RF signal provided by the same wire.

APPLICATIONS
Combat vehicles, aircraft, UAVs, missiles, ships and other military equipment.

MAIN TECHNICAL PARAMETERS

NUMBER OF CHANNELS	2-channel	WEIGHT	270±10g
OUTPUT SIGNAL POWER	-65dBm±5dBm	OVERALL DIMENSIONS	Overall :119.4*76.2*18.6 mm Installation:83.8*40.6 mm
ANTI-JAMMING PERFORMANCE	Anti single broadband interference 75dB ~ 80dB, Anti other single narrowband interference 85dB ~ 90dB.	POWER SUPPLY	DC5V±0.5V
GAIN	40dB±1dB	PHYSICAL INTERFACE	TNC type socket
POWER CONSUMPTION	5.0W±0.5W	OPERATING TEMPE- RATURE RANGE	- 40 ~ 85℃
VIBRATION, SHOCK, ELECTROM AGNETIC COMPATIBILITY, ETC	According with GJB related requirement requirements	STORAGE TEMPERATURE RANGE	- 88 ~ 85℃

SWT-JRL1-100 (4-Element GPS L1 ANTI-JAMMING ANTENNA)



FEATURES
1. Receive GPS L1/GLONASS G1 satellite signal, and realize the anti-jamming function of GPS L1 frequency point satellite signal.

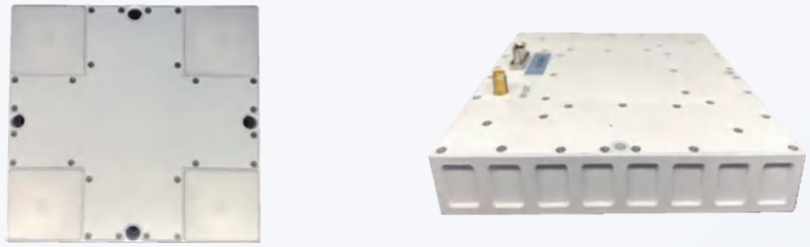
APPLICATIONS
Airborne, vehicle-borne, ship-borne, ground systems and other application platforms.

MAIN TECHNICAL PARAMETERS

RECEIVED SIGNAL	GPS L1, GLONASS G1	POWER SUPPLY (V)	DC5V~DC36
NUMBER OF CHANNELS	4 channels	WORK (W)	10(28V/0.36A)
ANTI-INTERFERENCE DRY SIGNAL RATIO	Three broadband :80dB~85dB Single broadband: 90dB~95dB	WEIGHT (KG)	< 0.4 kg
PHYSICAL INTERFACE	J30J-9 core, SMA-K	SIZE (MM)	134 m x 134mm x 20mm (Height without connectors)
COMMUNICATION INTERFACE	Serial port, RS-232C level (customizable)	OUTPUT DATA FORMAT	NMEA0183
OPERATING TEMPERATURE (℃)	- 45 ~ 85	STORAGE TEMPERATURE (℃)	- 45 ~ 85

PRODUCT DISPLAY

SWT-JRTB3-300 (4-Element Beidou2-B3 ANTI-JAMMING ANTENNA)



FEATURES

1. Receive BD2-B3 satellite signal, and realize the anti-jamming function of BD2-B3 frequency point satellite signal.

APPLICATIONS

Airborne, vehicle-borne, ship-borne,

ground systems and other application platforms.

MAIN TECHNICAL PARAMETERS

SIGNAL OF RECEPTION	BD2 B3	POWER SUPPLY (V)	DC9 ~ DC36
NUMBER OF CHANNELS	4 channels	POWER CONSUMPTION (W)	⩽10(28V/0.36A)
B3 ANTI-JAMMING PERFORMANCE	Three broadband: 75dB ~ 80Db; Single broadband: 90dB ~ 95dB	WEIGHT (KG)	⩽650g
		SIZE (MM)	134 m x 134mm x 20mm (Height without connectors)
B1 GAIN OF CHANNEL(DB)	40±1	PHYSICAL INTERFACE	J30J-9 core, SMA-K
OUTPUT SIGNAL POWER (DBM)	-60±5	COMMUNICATION INTERFACE	Serial port, TTL level
CHANNEL ISOLATION (DB)	⩾65	OPERATING TEMPERATURE (℃)	-45 ~ 85
CHANNEL GAIN CONSISTENCY	⩽±1	STORAGE TEMPERATURE (°C)	-55 ~ 85
CHANNEL GAIN CONSISTENCY (°)	⩽±5	VIBRATION, SHOCK, ELECTROM-AGNETIC COMPATIBILITY, ETC	Meet the relevant requirements of GJB

SWT-JRTB3-300G (4-Element Beidou2-B3 ANTI-JAMMING ANTENNA)

FEATURES

1. Receive BD2-B3 and BD2-B1 satellite signal, and realize the anti-jamming function of BD2-B3 frequency point satellite signal.

APPLICATIONS

Airborne, vehicle-borne, ship-borne,

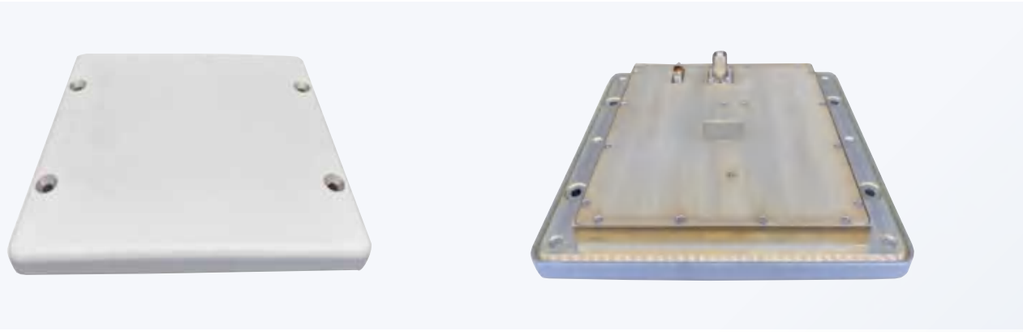
ground systems and other application platforms.

MAIN TECHNICAL PARAMETERS

SIGNAL OF RECEPTION	BD2 B3 B1	POWER SUPPLY (V)	DC9 ~ DC36
NUMBER OF CHANNELS	4 channels B3, 1 channels B1	POWER CONSUMPTION (W)	⩽10(28V/0.36A)
B3 ANTI-JAMMING PERFORMANCE	Three broadband: 75dB ~ 80Db; Single broadband: 90dB ~ 95dB	WEIGHT (KG)	⩽650g
		SIZE (MM)	134 m x 134mm x 20mm (Height without connectors)
B1 GAIN OF CHANNEL(DB)	40±1	PHYSICAL INTERFACE	J30J-9 core, SMA-K
OUTPUT SIGNAL POWER (DBM)	-60±5	COMMUNICATION INTERFACE	Serial port, TTL level
CHANNEL ISOLATION (DB)	⩾65	OPERATING TEMPERATURE (℃)	-45 ~ 85
CHANNEL GAIN CONSISTENCY	⩽±1	STORAGE TEMPERATURE (°C)	-55 ~ 85
CHANNEL GAIN CONSISTENCY (°)	⩽±5	VIBRATION, SHOCK, ELECTROM-AGNETIC COMPATIBILITY, ETC	Meet the relevant requirements of GJB

PRODUCT DISPLAY

SWT-JRT-BG236 (4-Element GPS L1/Beidou2-B1 ANTI-JAMMING ANTENNA)



FEATURES

1. It has the ability to simultaneously receive BD2-B1, GPS-L1, GPS-L2 and GLONASS G1 frequency navigation signals.
2. It has the ability to counter the suppressive interference of BD2-B1 and GPS-L1 frequency signals.
3. It has the ability to receive and amplify GPS-L2 and GLONASS G1 frequency navigation signal with low noise, and synthesize it with the anti-jamming BD2-B1 and GPS-L1 frequency navigation signal.

APPLICATIONS

Airborne, vehicle-borne, ship-borne,

ground systems and other application platforms.

PERFORMANCE

1.1 Working Frequency

B1：1561. 1 MHz±2MHz;

GPS L1：1575.42 MHz± 1.023MHz;

GPS L2：1227.6 MHz± 10.23MHz;

GLONASS：1602 MHz±6MHz.

1.2 Anti-interference Ability

Anti-interference type: Various strongly suppressed interference signals covering BD2-B1 and GPS-L1 frequency band signals.

Anti-single interference source ability: ISR not less than 85dB;

Anti-three interference source ability: ISR not less than 75dB;

Anti-interference quantity: three(Cover all frequency band signals of BD2-B1 and GPS-L1).

1.3 B1/GNSS Channel Gain

35dB±5dB.

1.4 Output Port Standing Wave Ratio

⩽2.

1.5 Output Signal Amplitude

The center frequency is 1568MHz, and the channel power in the 17MHz bandwidth is -60dBm~ -70dBm.

1.6 Output Signal Impedance

50 ohm.

1.7 Communication Interface

1 serial communication interface, TTL level, realizing online upgrade of anti-interference algorithm software.

1.8 Power Characteristics

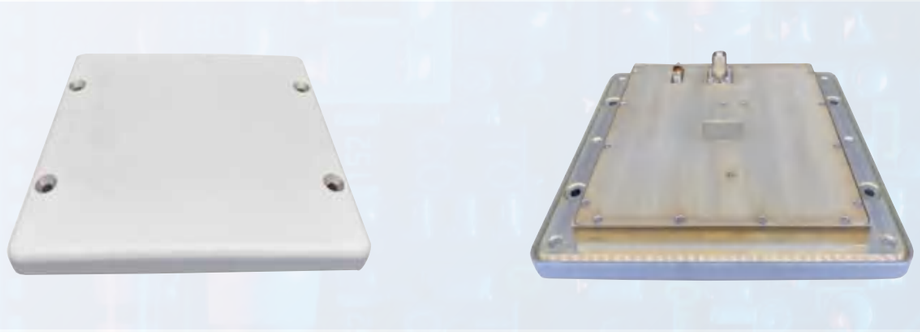
Room 410,4F, building 2, Big Data Industrial Base, No.180, Software Avenue, Yuhuatai District, Nanjing， China

Range of DC voltage: 9V~36V， power consumption ⩽ 12W (power DC28V)

1.9 Weight

⩽ 1.5kg.

SWT-JRT-BG236G (4-Element GPS L1/Beidou2-B1 ANTI-JAMMING ANTENNA)



FEATURES

1. It has the ability to simultaneously receive BD2-B1, GPS-L1, BD-B3 and GLONASS G1 frequency navigation signals.
2. It has the ability to counter the suppressive interference of BD2-B1 and GPS-L1 frequency signals.
3. It has the ability to receive and amplify BD-B3 and GLONASS G1 frequency navigation signal with low noise, and synthesize it with the anti-jamming BD2-B1 and GPS-L1 frequency navigation signal.

APPLICATIONS

Airborne, vehicle-borne, ship-borne,

ground systems and other application platforms.

PERFORMANCE

1.1 Working Frequency

B1：1561. 1 MHz±2MHz;

GPS L1：1575.42 MHz± 1.023MHz;

GPS L2：1227.6 MHz± 10.23MHz;

GLONASS：1602 MHz±6MHz.

1.2 Anti-interference Ability

Anti-interference type: Various strongly suppressed interference signals covering BD2-B1 and GPS-L1 frequency band signals.

Anti-single interference source ability: ISR not less than 85dB;

Anti-three interference source ability: ISR not less than 75dB;

Anti-interference quantity: three(Cover all frequency band signals of BD2-B1 and GPS-L1).

1.3 B1/GNSS Channel Gain

35dB±5dB.

1.4 Output Port Standing Wave Ratio

⩽2.

1.5 Output Signal Amplitude

The center frequency is 1568MHz, and the channel power in the 17MHz bandwidth is -60dBm~ -70dBm.

1.6 Output Signal Impedance

50 ohm.

1.7 Communication Interface

1 serial communication interface, TTL level, realizing online upgrade of anti-interference algorithm software.

1.8 Power Characteristics

Range of DC voltage: 9V~36V， power consumption ⩽ 12W (power DC28V)

1.9 Weight

⩽ 1.5kg.

PRODUCT DISPLAY

SWT-JRT-7B3 (7-Element Beidou2-B3 ANTI-JAMMING ANTENNA)

FEATURES

1. Channel 1 and channel 7 receive BD2-B3 satellite navigation signals, and realize the anti-jamming function of the frequency point signals;
2. Receive and amplify B1/GPS/GLONASS navigation signals with low noise, and synthesize shunt output with radio frequency signals of BD2-B3 after anti-interference;
3. Straight-through, anti-interference function switch;
4. With self-detection function;
5. Online software upgrade.

APPLICATIONS

Airborne, vehicle-borne, ship-borne,

ground systems and other application platforms.

MAIN TECHNICAL PARAMETERS

RECEIVED SIGNAL	BD2-B3, B1/GPS/GLONASS	SIZE (MM)	External dimension: 230x40
NUMBER OF CHANNELS	7 channel B3, 1 channel B1/GPS/GLONASS		Installation size :180x180
ANTI-JAMMING PERFORMANCE	Single broadband interference ⩾95dB; Broadband interference ⩾80dB	VIBRATION, SHOCK, ELECTRO-MAG-NETIC COMPATIBILITY, ETC	Meet the relevant requirements of GJB
CHANNEL GAIN (DB)	40±2	PHYSICAL INTERFACE	Low frequency connector: J599/20MTAC35PN Rf connector: TNC-KFD6
OUTPUT SIGNAL POWER (DBM)	-65±5		
POWER SUPPLY (V)	DC28	OPERATING TEMPERATURE (℃)	- 40 ~ 85℃
POWER CONSUMPTION (W)	20.5±0.5	STORAGE TEMPERATURE (℃)	- 55 ~ 85℃

COMPANY SERVICES

TECHNICAL SUPPORT

Fast Response
Provide Project Technical Advice
To Provide Customers With Quality Pre-Sales/Post-Sales Service

PRODUCT SUPPLY

Full Spectrum Products Available
Customer Needs As A Guide
To Provide Customers With Customized Products And Solutions

PRODUCT QUALITY

All Have Passed Various Performance Tests Before Delivery
To Ensure That The Product Is Good And Stable During Use

CUSTOMER MAP