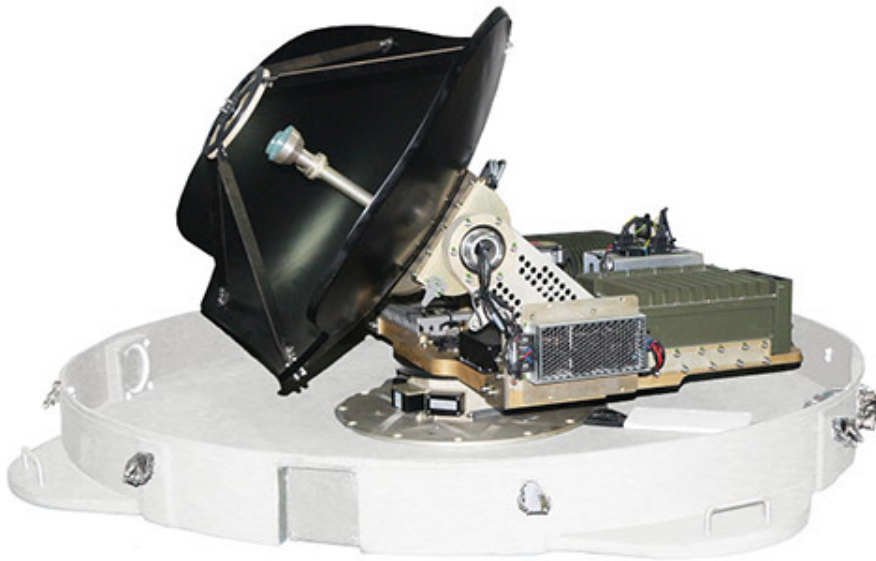


## JSP900AU-0.9m KA/ku Dual Frequency Land Mobile VSAT Antenna

### Antenna JSP900AU

El equipo se adapta como antena parabólica, que tiene la característica de alta ganancia, baja altura y alta movilidad.



### Features:

Stabilization	2 axis stable and 3 axis tracking(Ku/Ka switch)	
Dimension(Diameter×Height)	1350×680mm	
Weight	90kg	
Frequency Range	<b>Ku-Band</b> RX	12.25~12.75GHz
	<b>Ka-Band</b> TX	19.6~21.2GHz
Frequency Range	RX	12.25~12.75GHz
	TX	14.00~14.50GHz
Type	Ring focus	
Gain	RX	38.2dBi@12.50GHz
	TX	42.0dBi@20.4GHz
Gain	RX	38.8dBi@14.25GHz
	TX	45.0dBi@30.2GHz
Cross pol Isolation	≥30dB	<2.0
Polarization	Linear	Circular
Dynamic Accuracy	0.2° RMS	0.15° RMS
Azimuth	360° continuous rotation	
Elevation	0° -90°	0° -90°
Polarization	0° -270°	-
Initial Acquisition time	≤120s	
Re-acquisition Time	block time≤10 minutes,acquisition immediately; 10 minutes < block time ≤30 minutes,acquisition ≤5s; block time >30minutes,acquisition ≤10s	
Tracking Mode	INS measurement and signal tracking	
Input Power	DC24V standard power consumption150W (BUC excluded)	
Operating Temperature	-40℃~65℃	

### JSP900AU-0.9m ka/ku Dual Frequency Land Mobile VSAT Antenna

La antena adopta tecnologías líderes en la industria tales como el sistema de medición de la actitud de fusión GNSS / INS, el seguimiento del pico de exploración cónica y el algoritmo de cálculo y compensación de la actitud del portador, etc. Todas las tecnologías garantizan un seguimiento preciso bajo diversas condiciones.

Telecomunicaciones, emergencia gubernamental, empresa, medio ambiente y territorio, transporte, desastres y socorro.

### SATCOM IN THE MOVE

@Land @Maritime @Airborne

## Antenna JSP900AU

## Especificaciones :

### Electronic specification

Antenna Type	Ring focus
Operation Frequency	Ku Rx: 12.25~12.75GHz; Tx: 14.00~14.50GHz Ka Rx: 19.6~21.2GHz; Tx: 29.4~31.0GHz
Antenna Gain	Ku Rx: 38.2dBi@12.50GHz; Tx: 38.8dBi@14.25GHz Ka Rx: 42.0dBi@20.4GHz; Tx: 45.0dBi@30.2GHz
Polarization Mode	Ku: Linear Ka: Circular
Cross Polarize Isolation	Ku: ≥30dB Ka: axis ratio < 2.0
Port Isolation	≥85dB (filter is included)

### Mechanical specification

Size	1350*680mm(diameter*height)
Weight	90kg
Turntable rotate range	Azimuth: 360°continuous Elevation: 0°~90° Polarization: Ku: 0°~270°, Ka: ~
Polarization mode	Auto tracking

### Antenna tracking specification

Stabilization	2-axis stable 3-axis tracking (Ku/Ka switch)
Tracking Mode	INS measurement and signal tracking
Tracking Accuracy	Ku: ≤0.2°RMS; Ka: ≤0.15°RMS
Initial operating time	≤120s
Re-acquisition time	block time≤10 min, acquisition immediately 10 min< block time≤30 min, acquisition≤5s block time>30min, acquisition≤10s

### Other requirements

Power supply	DC24V
Interface requirements	Power interface、network interface(RJ45)、debugging interface (RS 422)
Standard consumption	150W ( BUC excluded)
Operation temperature	-40°C~65°C
Relative humidity	5%~95%
Wind load	Better than 55m/s
Three proofing	Moisture proofing, salt spay proofing and fungus proofing