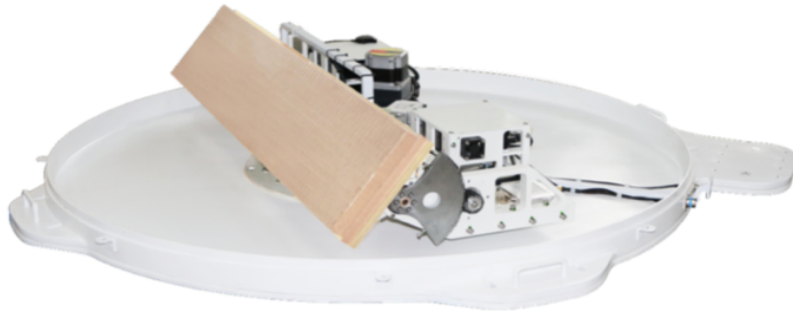
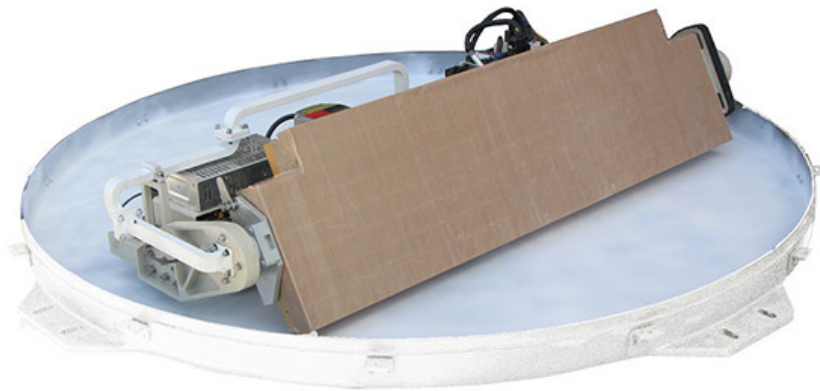


JST600-0.6m ku band Land Mobile VSAT Antenna



Antenna JST600

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

Features:

| | | |
|----------------------------|---|------------------|
| Stabilization | 2 axis stable and 4 axis tracking | |
| Dimension(Diameter×Height) | 1300×300mm | |
| Weight | 55kg | |
| Frequency Range | RX | 12.25~12.75GHz |
| | TX | 14.00~14.50GHz |
| Type | Panel waveguide horn array | |
| Gain | RX | 35.2dBi@12.50GHz |
| | TX | 36.2dBi@14.25GHz |
| Cross pol Isolation | ≥30dB | |
| Polarization | Linear | |
| Dynamic Accuracy | 0.2° RMS | |
| Azimuth | 360° continuous rotation | |
| Elevation | 0° ~90° | |
| Polarization | 360° continuous rotation | |
| 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 | AC220V 50Hz standard power consumption180W (BUC excluded) | |
| Operating Temperature | -40℃~65℃ | |

JST600-0.6m ku band 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 JST600

Especificaciones :

Electronic specification

| | |
|--------------------------|--|
| Antenna Type | Panel waveguide horn array |
| Operation Frequency | Rx: 12.25~12.75GHz; Tx: 14.00~14.50GHz |
| Antenna Gain | Rx: $\geq 35.2\text{dBi}@12.50\text{GHz}$ Tx: $\geq 36.2\text{dBi}@14.25\text{GHz}$ |
| Polarization Mode | Linear |
| Cross Polarize Isolation | $\geq 30\text{dB}$ |
| Port Isolation | $\geq 85\text{dB}$ (filter is included) |

Mechanical specification

| | |
|------------------------|--|
| Size | 1300*300mm(diameter*height) |
| Weight | 55kg |
| Turntable rotate range | Azimuth: 360°continuous rotation Elevation: 0°~90° Polarization: 360°continuous rotation |
| Polarization mode | Auto tracking |

Antenna tracking specification

| | |
|------------------------|--|
| Stabilization | 2-axis stable 4-axis tracking |
| Tracking Mode | INS measurement and signal tracking |
| Tracking Accuracy | $\leq 0.2^\circ\text{RMS}$ |
| Initial operating time | $\leq 120\text{s}$ |
| Re-acquisition time | block time $\leq 60\text{s}$, acquisition immediately 60s < block time $\leq 10\text{ min}$, acquisition $\leq 15\text{s}$ block time > 10min: acquisition $\leq 60\text{s}$ |

Other requirements

| | |
|------------------------|--|
| Power supply | AC220V 50Hz |
| Interface requirements | Power interface、network interface(RJ45)、debugging interface (RS 422) |
| Standard consumption | 180W (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 |