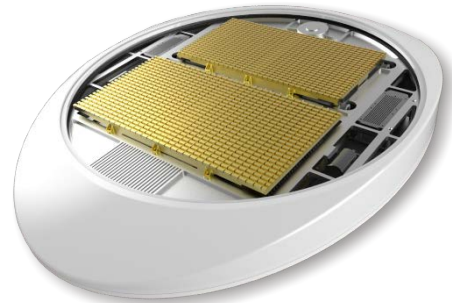


PA450

0.45m Ku Band Phased Array Antenna

- Automatically collect and output carrier position and attitude information
- Storage of more than 10 satellite position parameter
- Terminal One-key start, antenna tracking the satellite automatically
- Polarization direction automatically adjust
- Power-down memory and protection
- Device detection and status checking
- Power-on self test and fault alarming



| MODEL | PA450 |
|--------------------------|--|
| Stabilization | Azimuth axis stability and tracking, gear drive |
| Antenna Type | Electromechanical phased array antenna |
| Dimension | 1200×900×120mm |
| Weight | 37kg |
| Frequency Range | RX : 12.25 ~ 12.75GHz TX : 14.0 ~ 14.5GHz |
| Gain | RX : 33.6dBi (90°) 30.1dBi (30°) TX : 34.7dBi (90°) 31.2dBi (30°) |
| G/T | 8.0 ~ 11.5dB/K (without Radome) |
| EIRP | 47 ~ 50.5dBW (BUC 48W) |
| Polarization | Arbitrary Linear |
| Cross Pol Isolation | ≥ 25dB |
| Azimuth Rotation | 360°continuous rotation |
| Azimuth Angular Velocity | 100°/s |
| Track Mode | Full space pre-scanning location track |
| Tracking Accuracy | 0.25°RMS |
| Initial Acquisition | Static≤120s,Dynamic≤180s |
| Re-Acquisition | less than 3s when target lost for 30s |
| Input Power | AC220V 50Hz standard power consumption 180W |
| Operating Temperature | -40°C ~ 65°C |