

KORSAR-900

Land Mobile 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	KORSAR-900	
Stabilization	2 axis stable and 4 axis tracking	
Antenna Type	Panel waveguide horn array	
Dimension	Φ1375mm×515mm	
Equivalent Diameter	900mm	
Weight	90kg	
Frequency Range	RX : 12.25 ~ 12.75GHz TX : 14.00 ~ 14.50GHz	
Gain	RX : 38.2dBi (11.7GHz) TX : 38.8dBi (14.25GHz)	
Polarization	Linear	
Cross Pol Isolation	≥30dB	
Antenna Motion Range	Azimuth : 360°continuous rotation	Elevation : 10° ~ 90°
	Roll: ~	Pol: 360°continuous rotation
Track Mode	INS measurement and signal tracking	
Tracking Accuracy	≤0.2°RMS	
Initial Acquisition	≤120s	
Re-Acquisition	block time ≤10 minutes, acquisition immediately	
	10 minutes < block time ≤30 minutes , acquisition ≤5s	
	block time > 30minutes , acquisition ≤10s	
Input Power	AC220V 50Hz , standard power consumption ≤ 280W	
Operating Temperature	-40°C ~ 65°C	