

0.45m Ka Flat Land Mobile Antenna

T450-ka

- Ka band flat land mobile antenna
- Built in INS and GPS
- Smart design
- Easy operation
- Support auto tracking and manual tracking



Model	T450-ka	
Stablization	2 axis stable and 4 axis tracking	
Type	Panle waveguide horn array	
Dimension	Φ920mm × 300mm	
Weight	≤40kg (transceiver is not included)	
Frequency	RX: 18.7~20.20GHz TX: 29.00~30.00GHz	
Gain	RX: 36.6dBi@12.50GHz TX: 40.2dBi@14.25GHz	
Polarization mode	Circular	
Axial ratio	Less than 1.5dB	
Rotation range	Azimuth: 360° continious	Elevation: 0° ~90°
	Roll: ~	Polarizaiton : 0° ~270°
Tracking mode	INS Measuremet,Signal tracking	
Tracking	≤0.5° RMS	
Reacquisition time	block time ≤60s, acquisition time ≤5s	
	block time > 300s, acquisition time ≤60s	
Power input	DC24V , Power consumption ≤ 250W (BUC excluded)	
Control mode	Remote ACU control	
Operating Temperature	-40°C~65°C	