



VIPA600 is designed with the structure of separated receive and transmit aperture to achieve high gain and wide angle beam scanning, which guarantee stable tracking of target satellite for carriers in motion.

The thickness of the antenna is less than 100mm,

The weight is less than 68kg,

It is the thinnest VIPA antenna in the world.

MODEL	VIPA600	
Stabilization	6 axis stable tracking	
Antenna Type	VIPA	
Dimension	1780mm (L) × 780mm (W) × 98mm (H)	
Weight	≤68kg	
Frequency Range	RX: 12.2~12.75GHz TX: 14.0~14.5GHz	
Gain	Rx≥31.6dBi (12.5GHz) @30°EL Rx≥35.1dBi (12.5GHz) @90°EA Tx≥32.8dBi (14.25GHz) @30°EL Tx≥36.3dBi (14.25GHz) @90°EA	
Polarization	Linear	
Cross Pol Isolation	> 35dB	
Antenna Motion Range	Azimuth: 360° Continuous rotation	Elevation: 30° ~90°
Carrier Motion Range	Roll: -30° ~30° ,period 8s	
	Pitch: -30° ~30° ,period 8s	
	Yaw: 40° /s	
Track Mode	Full space pre -scanning location track	
Tracking Accuracy	0.2° RMS	
Initial Acquisition	≤120s	
Re-Acquisition	≤2s	
Input Power	AC220V 50Hz, standard power consumption 160W	
Operating Temperature	-40°C ~65°C	