

China Starwin VSAT Ka Offset Antenna



0.76m Ka antenna



1.2m Ka antenna

General description

China Starwin VSAT Ka band antenna delivers exceptional high performance for transmit/receive application with high gain, low noise and low interference.

China Starwin VSAT Ka band antenna offers a fine reflector with a stretch formed panels and effective feeder. The standard designed azimuth over elevation pedestal provides a cost-effective solution for ground or roof

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installation with high stiffness, stability and good wind resistance.

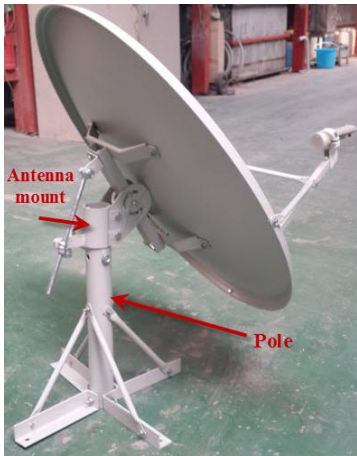
The electrical performance is compliant with FCC and ITU-RS-580 sidelobe specifications and Intelsat, Eutelsat, SES, AsiaSat, ChinaSat, etc requirement.

Technical Specification

Item No.	SWKA76-CP2	SWKA120-CP2
Antenna Diameter	0.76 M	1.2 M
Antenna Type	Offset	
Feed Type	Cross-pol (Co-pol optional)	
Antenna Pedestal Type	King post	
Antenna Drive Mode	Manual	
Frequency Range (GHz)	Tx: 28.0-30.0 Rx: 18.2-21.0	Tx: 28.0-30.0 Rx: 18.2-21.0
Gain (Mid-band)	Tx: $G \geq 44.0 + 20 \lg(f/29.5)$ Rx: $G \geq 41.0 + 20 \lg(f/19.95)$	Tx: $G \geq 49.0 + 20 \lg(f/29.5)$ Rx: $G \geq 45.5 + 20 \lg(f/19.95)$
VSWR	$\leq 1.25:1$	$\leq 1.25:1$
Polarization	Circular or Linear	
First Sidelobe	≤ -14.5 dB	
Feed Interface	Rx port: WR42, Tx port: WR28	
Driving range	Azimuth: $\pm 85^\circ$ under Elevation: $5^\circ \sim +85^\circ$	
Operation Wind Speed	28 m/s	
Working Temperature	$-40^\circ\text{C} \sim +70^\circ\text{C}$ (outdoor)	

Mount type :

Top pole mount



J mount (Wall Mount)



Non-penetrating mount

