

China Starwin 1.2M KU BAND ANTENNA DATASHEET

1.2m Ku band antenna appearance



General description

China Starwin 1.2 m Ku band antenna delivers exceptional high performance for transmit/receive application with high gain, low noise and low any interference.

China Starwin 1.2 m Ku 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 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.	SWKU120 (Starwin 1.2m Ku band antenna)	
Antenna Diameter	1.2 m	
Antenna Type	Offset	
Antenna Pedestal Type	Kingpost	
Antenna Drive Mode	Manual	
Frequency Range	Tx : 13.75~14.5 GHz Rx : 10.95~12.75 GHz	
Antenna Gain (dBi)	Tx : $G \geq 42.5 + 20 \lg(f/14.125)$ Rx :	
VSWR	$\leq 1.25:1$	
Polarization	Linear	
First Sidelobe	≤ -14 dB	
Feed Interface	Rx port: WR75, Tx port: WR75	
Driving range	Azimuth : 360° under Elevation : 5°~90°	
Operation Wind Speed	28 m/s	
Working Temperature	-40°C ~ +70°C (outdoor)	
NPM	Size	1500*1500 mm
	Weight	30 kg (Specific weight in accordance with the actual