



ELECTRICAL SPECIFICATON

Type	0.98m flyaway	
Operating Frequency. Ghz	Ku-Band	
	Receive 10.95-12.75	Transmit 13.75-14.5
Gain, Mid-band, dBi	≥39	≥40
Polarization	Linear Pol.	
VSWR	1.3:1	
3dB Beam Width	≤1.4°	≤1.6°
Rx/Tx Isolation	Rx > 40dB Tx > 85dB	
Feed Interface	WR-75	
Cross Polarization Isolation	≥35dB (on axis)	

First Sidelobe ($1^\circ \leq \theta < 20^\circ$)	$\leq -14\text{dB}$
MECHANICAL SPECATION	
Antenna Diameter	0.98m
Antenna type	Off-set
Reflector material	Carbon fiber, 6pcs panels assembly
Mount Type	El. over Az.
Antenna Pointing RangeAzimuth	$\pm 45^\circ$
Elevation	$10^\circ - 90^\circ$
Polarization	$\pm 95^\circ$
Drive Mode	Manual
Net Weight	14KG
ENVIRONMENTAL SPECIFICATION	
Temperature	$-45^\circ - 50^\circ$
Operational Wind	11m/s in the state of free work
	20m/s when fixing the anchor
Survival Wind	1000 Kcal/h/m ²

