

1.2M Ku Band Automatically Flyaway Antenna

1. light weight
2. highly integrated
3. High strength, high sealing performance and high reliability
4. Easy to operate, two control modes

Operation Frequency	Tx	14.0-14.5 GHz
	Rx	12.25-12.75GHz
VSWR	Tx	1.25:1(max)
	Rx	1.25:1(max)
Polarization	Linear	
Gain	Tx	>42.5dBi
	Rx	>41.5dBi
3dB beamwidth	Tx	1.2°
	Rx	1.38°
Cross-polarization	Tx	>30dB
	Rx	>30dB
Power	100W	
Feed Interface	WR75	
Rx/Tx Isolation	Rx >40dB Tx >85dB	
Sidelobe	Azimuth 1-20° 29-25 log θ dBi	
	First sidelobe <-20dB	
Wind load operational	11m/s (free standing unit)	
	20m/s(anchored unit)	
Work temperature	indoor	-40° C~+70° C(-40° F to +158° F)
	outdoor	-20° C~+40° C (-4° F to +104° F)
Antenna Type	Offset antenna	
Main reflector material	Carbon fiber	
Weight	≤40Kg	
Acquisition satellite time	3min	
Slewing area	Elevation	10°-90°
	Azimuth	±100° in 0.1° step
	Polarization	±95° in 0.1° step

<http://www.antesky.com>