

1.2M Flyaway Antenna

light weight

highly integrated

High strength, high sealing performance and high reliability

Easy to operate, two control modes

Flyaway Antenna		1. 2M Flyaway Antenna
VSWR	Tx	1. 25:1 (max)
	Rx	1. 25:1 (max)
Operation Frequency	Tx	14. 0-14. 5 GHz
	Rx	12. 25-12. 75GHz
Polarization		Linear
Gain	Tx	>42. 5dBi
	Rx	>41. 5dBi
3dB beamwidth	Tx	1. 2°
	Rx	1. 38°
Cross-polarization	Tx	>30dB
	Rx	>30dB
Sidelobe		Azimuth 1-20° 29-25 log θ dBi First sidelobe <-20dB
Rx/Tx Isolation		Rx >40dB Tx >85dB
Power		100W
Feed Interface		WR75
Work temperature	indoor	-40° C~+70° C (-40° F to +158° F)
	outdoor	-20° C~+40° C (-4° F to +104° F)
Wind load operational		11m/s (free standing unit) 20m/s (anchored unit)
Main reflector material		Carbon fiber
Antenna Type		Offset antenna
Acquisition satellite time		3min
Weight		≤40Kg
Slewing area	Elevation	10°-90°
	Azimuth	±100° in 0.1 ° step
	Polarization	±95° in 0.1 ° step

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