

0.75M Flyaway Antenna

1. Carbon fiber antenna reflector has a light weight, high precision and high efficiency, corrosion resistance and other characteristics, it ensured the antenna in Normal operation with harsh environments in maximum extent.
2. Lightweight, easy to carry, rapid deployment, high performance, a man can be installed within 5 minutes, available airline baggage.
3. The latest design of the Ku-band satellite antenna, being compact and robust, cost-effective, can be used for fast and reliable satellite communications.
4. Specifically designed to be used for on-site, regardless of when and where, it can fast transfer high-quality broadband content.

Flyaway Antenna		0.75M Flyaway Antenna
VSWR	Tx	1.25:1
	Rx	1.25:1
3dB beamwidth	Tx	1.9°
	Rx	2.1°
Polarization		Linear
Operation Frequency	Tx	14-14.5 GHz
	Rx	12.25-12.75GHz
Gain	Tx	>38.5 dBi
	Rx	>37.2 dBi
Cross-polarization	Tx	>30dB
	Rx	>30dB
Tx/Rx Isolation		Rx >40dB Tx >85dB
sidelobe($1^\circ \leq \theta < 20^\circ$)		First sidelobe < -20 dB
Power Capacity		100W
Feed Interface		WR75
Antenna Type		Offset antenna
Main reflector material		Carbon Fiber
Azimuth		$\pm 60^\circ$ (Vernier adjustment)
Weight		8.5 Kg
Case size		675*435*250mm
Polarization		$\pm 90^\circ$
Elevation		0--90°
Wind load operational		20m/s
Temperature operational		-30° C--50° C