

FLY-75V

iNetVu[®]
by C-COM Satellite Systems Inc.

TECHNICAL SPECIFICATIONS

The iNetVu[®] FLY-75V Flyaway Antenna is a 75 cm satellite antenna system which is a highly portable, self-pointing, auto-acquire unit that is configurable with the iNetVu[®] 7710 Controller providing fast satellite acquisition within minutes, anytime anywhere. It can be assembled in 10 minutes by one person.

"Compliant for use on ExedeSM Ka Service by ViaSat and on KA-SAT NEWSSPOTTER NEWSGATHERING service by Eutelsat"



Features

- One-Piece, high surface accuracy, offset feed, steel reflector
- Heavy duty feed arm capable of supporting up to 5kg (10lbs) Ka transceiver
- Designed to work with the iNetVu[®] 7710 Controller
- Works seamlessly with the world's emerging commercial ViaSat / KA-SAT satellite Surfbeam II/PRO Auto-acquire modems
- Auto beam select on KA-SAT Tooway services
- 2 Axis motorization
- Supports manual control when required
- One button, auto-pointing controller acquires Ka-band satellite within 2 minutes
- Captive hardware / Fasteners
- 10 minute assembly by one person, no tools required
- Compact packaging; 2 ruggedized cases
- Supports Skyware Global 75 cm Ka antenna
- Standard 2 year warranty

Application Versatility

If you operate in Ka-band, the FLY-75V system is easily configured to provide instant access to satellite communications for any application that requires reliable and/or remote connectivity in a rugged environment. This next generation Flyaway Ka terminal delivers affordable broadband Internet services (High-speed access, video & Voice over IP, file transfer, e-mail or web browsing). Ideally suited for industries such as Oil & Gas Exploration, Military Communications, Disaster Management, SNG, Emergency Communications Backup, Cellular Backhaul and many others.

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C-COM
SATELLITE SYSTEMS INC.

Specifications are subject to change

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Mechanical

Reflector	75cm Elliptical Antenna, offset feed
Platform Geometry	Elevation over Azimuth
Deployment Sensors	GPS antenna Compass $\pm 2^\circ$ Tilt sensor $\pm 0.1^\circ$
Azimuth	$\pm 175^\circ$
Elevation	0 - 90°
Elevation Deploy Speed	Variable, 3°/sec typ.
Azimuth Deploy Speed	Variable 3°/sec typ.
Peaking Speed	0.1°/sec

Environmental

Survival	
Ballast Deployed	100 km/h (60 mph)
Temperature	-40°C to 65°C (-40°F to 150°F)
Operational	
Wind - No Ballast or anchors	50 km/h (30 mph)
- With ballast	72 km/h (45 mph)
Temperature	-30°C to 60°C (-22°F to 140°F)

Electrical

Rx & Tx Cable	Single IFL, RG6 cable - 10 m (33 ft)	
Control Cables		
Standard	10 m (33 ft) Ext. Cable	
Optional	up to 60 m (200 ft) available	
	Receive	Transmit
Frequency (GHz)	18.30 - 20.20	28.10 - 30.00
Feed Interface (Circular)	RG6	RG6
Nominal G/T	17.5 dB/K	
Nominal EIRP	48.4 dBW	

RF Interface

Radio Mounting	Feed Arm
Coaxial	RG6U from transceiver to tripod base

Physical

Case 1: Tripod/Reflector	L: 85 cm (33.5") H: 29 cm (11.5")	W: 85 cm (33.5") 32 Kg
Case 2: Controller/AZ/EL	L: 44.5 cm (17.5") H: 38 cm (15.5")	W: 80 cm (31.5") 32 Kg

Motors

Electrical Interface	24VDC	8 Amp (Max.)
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Shipping Weights & Dimensions

Case 1: 85 cm x 85 cm x 29 cm (33.5" x 33.5" x 11.5"); 32 kg
Case 2: 44.5cm x 80 cm x 38 cm (17.5" x 31.5" x 15.5"); 32 kg