FLY-75V

TECHNICAL SPECIFICATIONS

iNetVu®
by C-COM Satellite Systems Inc.

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 Exede℠ 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 (10 lbs) 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.

AUTHORIZED iNetVu RESELLER

WEB TV LIVE® by c2d.eu

C2D System House s.a.
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Mechanical

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

Environmental

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

RF Interface

Radio Mounting	Feed Arm
Coaxial	RG6U from transceiver to tripod base

Physical

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

Motors

Electrical Interface	24VDC	8 Amp (Max.)

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

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