FLY-75V

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.

"Authorized for use on ViaSat Exede[®] Enterprise and on KA-SAT NEWSSPOTTER NEWSGATHERING service by Eutelsat*"



Features

One-Piece, high surface accuracy, offset feed, steel reflector

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- Heavy duty feed arm now supports both type of Transceivers: Standard Tria and new eTRIA
- 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.

* http://www.eutelsat.com/files/contributed/support/pdf/Eutelsat_Broadband_Services.pdf (p.14)



613-745-4110 | 1-877-463-8886 (1-877-iNetVu6) www.c-comsat.com

Specifications are subject to change

Sept 2017

FLY-75V

TECHNICAL SPECIFICATIONS

Mechanical

Reflector Platform Geometry **Deployment Sensors**

Azimuth Elevation Polarization **Elevation Deploy Speed** Azimuth Deploy Speed Peaking Speed

Environmental

Wind loading Operational (no ballast) Operational (with ballast) Temperature Operational Survival

50 km/h (30 mph) 72 km/h (45 mph)

-30° to 60° C (-22° to 140° F) -40° to 65° C (-40° to 149° F)

75cm Elliptical Antenna, offset feed

Elevation over Azimuth

Circular, Auto-switching

Variable, 3°/sec typ.

Variable 3°/sec typ.

GPS antenna Compass ± 2° Tilt sensor ± 0.1°

±175°

0 - 90°

0.1º/sec

Thermal Test per MIL-STD-810F, Method 501.4/502.4, High/Low Temperatures Vibration Test per MIL-STD-810F, Annex A, Category 4, Truck/Trailer/Tracked Shock Test per IEC 60068-2-27, Appendix A, Water Ingress Rating: IP-66

RG6

17.5 dB/K

48.4 dBWi

Electrical

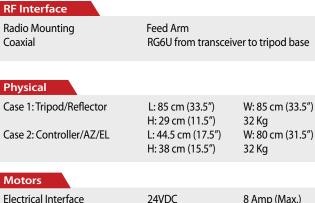
Rx & Tx Cable Control Cables Standard Optional

Frequency (GHz) Feed Interface (Circular) Nominal G/T Nominal EIRP

10 m (33 ft) Ext. Cable up to 60 m (200 ft) available Receive Transmit 18.30 - 20.20

Single IFL, RG6 cable - 10 m (33 ft)

28.10 - 30.00 RG6



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Electrical Interface

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: 44.5 cm x 80 cm x 38 cm (17.5" x 31.5" x 15.5"); 32 kg

* The shipping weights/dims can vary for particular shipments depending on actual system configuration, quantity, packaging materials and special requirements



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