



1200 FA - 1.2 Meter Fly Away Antenna & Baseband Product Specifications



Overview

The lightweight 1.2M Fly Away antenna is a great choice for organizations who are always on the go. The antenna travels compactly in two rugged cases. Assembly can be quickly accomplished by non-technical personnel in about 10 minutes.

QuickSPOT antennas automatically deploy and lock on the satellite at the touch of a button. Automated login into the OnDemand network lets you launch any IP based application within seconds.

Use the 1.2M Fly away for broadcast quality video applications, large voice connections, or large data networks.

An ideal solution for disaster recovery applications, this antenna can be safely stored indoors during a weather event and then quickly shipped to the operating location and assembled.

Included Standard:

- Auto-deploying antenna
- 8W Ku-band BUC (also available in 4W, 16W, 25W, 80W and extended-ku)
- Antenna controller
- DVB receiver
- Satellite modem
- LAN switch
- Two rugged travel cases
- Baseband components integrated in rugged, shock mounted case
- 30 ft. IFL cables

Technical Specifications

Antenna	Technical Specifications	
Reflector	1.2 m 2 pc. Ku-band Elliptical	
Az/El/Pol Drive System	Roto-lok 3 axis positioner	
	Transmit	Receive
Frequency	13.75 - 14.5 Ghz	10.95 - 12.75 Ghz
Gain ± .2dBi	43.2 dBi	41.6 dBi
Polarization	Linear Cross-Pol standard, Optional Co-pol	
Cross-Pol Isolation	Std. Feed	Opt. Feed
On-Axis	30 dB	30 dB
Travel	Azimuth	± 200° from stow position
	Elevation	0 – 65° (+) stow position
	Polarization	± 65°
Satellite Approval	Intelsat's worldwide fleet of Ku-band satellites	
Base pitch offset correction	±10° either axis	
Physical Data		
Reflector Case	Dimensions	55" x 31" x 17"
	Weight	120 lbs
Pedestal Case	Dimensions	44" x 27" x 20"
	Weight	190 lbs
Max Length w/ IFL cables connected	74"	
Height	Stowed	19"
	Deployed	72.5"
Power consumption	Motors active	250 W
Mount/Case Options	Ground assembly	
Controller	One Button Deploy; automatic satellite acquisition; peaking & cross-pol adjustment. One Button Stow	
Controller power	110/240 VAC, single-phase, 50/60 Hz	
Baseband System	May vary	
Power requirements	110/220 VAC, single-phase, 50/60 Hz	
Data rate capabilities	64 kbps to 4.5 MB	
Satellite Access Methods	TDMA, SCPC, DVB/RCS	
Transmit Protocol	Automatic	
Std. Baseband Case – 4RU	Weight	Approx. 80 lbs
	Dimensions	28" x 28" x 16"

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