

**QuickSPOT™ 1000 CFA – Carbon Fiber Fly Away
Self-deploying Satellite Antenna System – Goes as Checked Baggage!**



**1000 CFA - 1.0 Meter Carbon Fiber Fly Away
Antenna & Baseband
Product Specifications**

Included Standard:

- Auto-deploying antenna
- Shock mounted pedestal case
- 8W Ku-band BUC (also available in 4W, 16W)
- Antenna controller
- DVB receiver
- Satellite modem
- LAN switch
- Three rugged antenna travel cases
- Baseband components integrated in rugged, shock mounted case
- 30 ft. IFL cables in case
- Case mounted UPS
- Travels as checked airline baggage

Technical Specifications

Antenna

Reflector 1.0 m 4 pc. Carbon Fiber Ku-band Elliptical
Az/El/Pol Drive System Roto-lok 3 axis positioner

	Transmit	Receive
Frequency	14.0 - 14.5 Ghz	10.95 - 12.75 Ghz
Gain ± .2dBi	41.6 dBi	39.7 dBi
Polarization	Rotation of reflector/feed about boresight	
Cross-Pol Isolation	Std. Feed	Opt. Feed
On-Axis	30 dB	35 dB
Off-Axis	28 dB	28 dB
Travel	Azimuth	± 200° from stow position
	Polarization	± 95°
Satellite Approval	Intelsat's worldwide fleet of Ku-band satellites	
Base pitch offset correction	±10° either axis	

Physical Data

Reflector Case	Dimensions	27" x 37" x 16"	74 lbs
Boom & BUC Case	Dimensions	50" x 17" x 13"	60 lbs
Pedestal Case	Dimensions	24" x 36" x 17"	98 lbs

Assembled 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	120 V AC, single-phase, 50/60 Hz	

Baseband System

Power requirements	120 V AC, 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	Dimensions	28" x 28" x 16"	Approx. 80 lbs
UPS Case			
Cable Case			

The lightweight 1.0M Carbon Fiber Fly Away antenna is a great choice for organizations who are always on the go. The antenna travels compactly in three cases which can travel via standard overnight carriers or as domestic checked baggage. 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 1.0M Carbon Fiber 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.

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On Call Communications
19631 Descartes
Foothill Ranch, CA 92610
www.quickspot.net



Contact us today to learn how we can meet your mobile communications needs.
Tel +1 949 716-3030
Fax +1 949 588 1250
sales@quickspot.net