

# QuickSPOT™ 750 SCFA - Single Case Fly Away Self-deploying Satellite Antenna System



## 750 SCFA - 75 cm Single Case Fly Away Antenna & Baseband Product Specifications



### Included Standard:

- Auto-deploying antenna
- 8W Ku-band BUC (also available in 4W and extended-Ku)
- Antenna controller
- Satellite modem
- DVB receiver
- LAN switch
- 30 ft IFL cables
- Vehicle mounts
- Baseband components integrated in rugged, shock mounted case

### Overview

QuickSPOT's 75 cm Single Case Fly Away Antenna makes establishing communications links easy. Within moments of arrival a single operator can be on air. 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.

75 cm Single Case Fly Away Antennas pack up in minutes for easy shipping. No assembly is required, simply remove the case lid, connect to power source and baseband electronics and deploy.

Use this antenna for voice, data, video conference and webcast applications throughout the continental USA. Power can be supplied with a small generator.

### Technical Specifications

#### Antenna

Reflector  
Az/EI/Pol Drive System

Frequency  
Gain  $\pm$  .2dBi  
Polarization  
Travel

Satellite Approval  
Base pitch offset correction

#### Physical Data

Approx. Case Weight

Case Dimensions

Antenna Height

Power consumption  
Mount  
Controller

Controller power

#### Baseband System

Power requirements  
Data rate capabilities  
Satellite Access Methods  
Transmit Protocol  
Std. Baseband Case – 4RU

75 cm Ku-band elliptical  
Roto-lok 3 axis Positioner

#### Transmit

13.75 - 14.5 Ghz  
39.3 dB@ 11.95 Ghz

#### Receive

11.70 - 12.75 Ghz  
37.8 dBi

Rotation of reflector  
Azimuth  $\pm$  200° from stow position  
Polarization  $\pm$  65°  
Intelsat's worldwide fleet of Ku-band satellites  
 $\pm$ 10° either axis

207 lbs + w/o BUC & LNB

55" x 43.5" x 20"

Stowed 18.5" (Case lid removed)  
Deployed 49"

Motors active 250 W  
Vehicle mount on Thule racks  
One Button Deploy; automatic satellite acquisition; peaking & cross-pol adjustment. One Button Stow  
110/220 VAC, single-phase, 50/60 Hz

110/220 VAC, single-phase, 50/60 Hz  
64 kbps to 3.0+ MB  
TDMA, SCPC, DVB/RCS  
Automatic  
Weight Approx. 80 lbs  
Dimensions 28" x 28" x 16"

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