

Lite Sat 2.2 Auto Acquire VSAT Terminal

The lightest, most durable 2.2M Carbon Fiber VSAT terminal on the market

Designed for today's user, the **Lite Sat 2.2A VSAT terminal** is lightweight, scalable and built to last.

The **Lite Sat 2.2A VSAT terminal** packs into five transit cases, all under 112lbs, and an additional case per band kit, making it the smallest pack out available for a high-performance carbon fiber auto acquire antenna by over 300lbs.

The quality construction of the reflector and pedestal is rugged and built to last, yet surprisingly easy to set up. The flexible design interfaces with a variety of rugged outdoor modems or via IFL to an indoor rack.

The lightweight, high performance **Lite Sat 2.2A VSAT terminal** has a projected life of 15+ years. This field proven positioner also includes MEO tracking, and a low PM option.

Available frequency options include Ku, Ka, X and C band. The unit will be ARSTRAT certified and MIL STD 810 approved in 2019.



Product Specifications*

Mechanical

Number of Cases	5
Weight Max (ea.)	112 lbs.
Each Additional Band	1 Case
Manual Version Reduces	to 3 Cases
Reflector	2.2M Carbon Fiber
Construction	Segmented

Electronics

AC Power	115V AC \pm 5%
	60Hz \pm 5Hz
Consumption	<1500W

Band	G/T (dB)	EIRP (dBW)
Ku	25.9	66
Ka	27.5	70.2
X	21.8	62.2
C	17	59

Environmental

Transport Configuration

MIL STD 810 for Temp, Humidity, Altitude, Salt Spray, Transport Shock, and Vibration

Operational Configuration

MIL STD 810 for Temp, Humidity, Altitude, Salt Spray, Transport Shock, and Vibration

Wind Loading

45 mph gusting to 60 mph

Modem Options

iDirect	950 (integrated) or 900 rack
Comtech	1050, 5650
L3T	Net Centric Waveform (NCW)
ViaSat	CBM400, EBEM

Operating Frequencies

Band	Transmit (GHz)	Receive (GHz)
Ku	13.75-14.5	10.70-12.75
Ka	29.0-31.0	19.2-21.2
X	7.9-8.4	7.25-7.75
C	5.85-6.425	3.625-4.2

Options

Low PIM X	Light Weight Non-810 cases
Snow and Ice Cover	Integrated Spectrum Analyzer
Beacon Receiver	Integrated Modems
Integrated Base Band	Integrated Encryption
Vehicular/Trailer Mount	Alternate Power Supplies

*Specifications are subject to change as Lite Coms LLC Engineers are continuously striving to improve performance of all of our products.

