



AERO BLADE M Solo Ka



KEY FEATURES:

- >

Compact All-in-One
- >

No Moving Parts
- >

Near-Seamless Multi-Orbit Connectivity
- >

Ultra-Fast Satellite Switching
- >

MIL-STD Compliance
- >

Quick and Simple Integration

AERO BLADE M Solo Ka

Weight
33 kg (72.7 lb.)

System Size (W/H/L)
72 x 8 x 56.7 cm (28.3 x 3.1 x 22.3")

Max G/T	Max EIRP
12.5 dB / K	53 dBw (P1dB)

Power Consumption
500 Watt

WHY AERO BLADE M Solo Ka?

The Aero Blade M solo Ka is Get SAT’s next-generation Electronically Steered Antenna (ESA), engineered to meet the demanding requirements of defense and government aviation. Designed for secure, resilient, and high-performance satellite communications, Aero Blade M solo Ka ensures uninterrupted connectivity for ISR, tactical airlift, and command-and-control missions.

With its ultra-low-profile and fully electronically steerable design, Aero Blade M solo Ka seamlessly integrates onto a wide range of airborne platforms, from military transport aircraft to surveillance and reconnaissance fleets. Its advanced capabilities deliver rapid, reliable, and interference-resistant broadband connectivity, empowering mission success in dynamic and contested environmentst.

RF

Tx Frequency	27.6-31 GHz
Rx Frequency	17.7-21.2 GHz
Polarization	Software configurable LHCP, RHCP, V/H Linear

SYSTEM

Azimuth	Fully Electronic 360°
Elevation	Beam steering range 10° to 90°
Control Technique	Combined IMU/RSSI/GPS
Initial Acquisition Time	<30 sec
Re-Acquisition time	<100ms
Management	Ethernet
Power Input	24-48 [V] DC
Interfaces	Ethernet, USB, RS232, ARINC 429

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