



AERO BLADE M Duo Ku

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 DUO Ku

Weight
40 kg (88.1 lb.)

System Size (W/H/L)
100 x 8.95 x 67.4 cm (39.3 x 3.5 x 26.5")

Max G/T 14 dB / K	Max EIRP 48 dBW (P1dB)
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Power Consumption
600 Watt

WHY AERO BLADE M DUO Ku?

The Aero Blade M DUO Ku 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 DUO Ku 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 DUO Ku 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 environments.

RF

Tx Frequency	13.75-14.5 GHz
Rx Frequency	10.7-12.75 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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