



# MILLI SLING BLADE LW



### KEY FEATURES:

- >

Low Profile
- >

Easy set-up and operation
- >

Supports GEO/ MEO Satellites
- >

Roll on / Roll off
- >

Optimal for airborne applications
- >

Satellite switching In milliseconds

Ka Band		
Rx Weight	Tx Weight	AMU Weight
12 Kg (26.4 lb.)	5 Kg (11b.)	6.5 Kg (14.3 lb.)
Rx Size (W/H/L)	Tx Size (W/H/L)	AMU Size (W/H/L)
53.5 x 5.8 x 66.4 cm (21 x 2.3 x 26.1")	38.2 x 6 x 28.1 cm (15 x 2.3 x 11")	34.2 x 6 x 35.7 cm (13.4 x 2.3 x 14")
Rx Power Consumption	Tx Power Consumption	AMU Power Consumption
~230 W	~280 W	~50 W
Total Power Consumption		
~560 W		

### WHY MILLI SLING LW BLADE?

The Milli Sling Blade LW is a KA-band low profile antenna, ensuring top-tier communication in all airborne applications. This fully electronically steered antenna operates without moving parts, eliminating the need for calibration. This ensures long-term reliability and significantly reduces maintenance costs.

Designed to support transmit & receive functions for both GEO and MEO satellites. Its advanced design allows it to switch between these satellites, ensuring near seamless satellite coverage anywhere, anytime.

### FOR WHOM?

The Milli Sling Blade LW is specifically tailored to meet the stringent demands of airborne applications. Its design and capabilities make it the optimal choice for aircrafts, ensuring seamless and reliable communication during operations.

### RF

Tx Frequency	27.5-31 GHz
Rx Frequency	17.7- 21.2 GHz
Polarization	Circular (Crosspol and Copol Electronically configurable
Max G/T	13.5 dB / K
Max EIRP	49 dBW

### SYSTEM

Azimuth	Continues coverage over full 360°
Elevation	20° to 90°
Control Technique	Combined IMU / RSSI / GPS (Optional)
Velocity Azimuth	>500° / Sec. Elevation >500° / Sec
Initial Acquisition Time	<30 sec
Re-Acquisition time	<100ms
Management	Ethernet
Power Input	24-50v- Depend on configuration
Interfaces	RS-232, Ethernet, TX / RX

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