

PICO SLING BLADE KA



KEY FEATURES:

- >

Durable Design
- >

Maintenance-Free Operation
- >

Versatile Compatibility
- >

Power Optimized
- >

Enabling VoIP
- >

Communication Enhancement

Pico

Weight
< 4 kg (8.2 lb.)

System Size (W/H/L)
26.3 x 6.5 x 31.5 cm

Max G/T	Max EIRP
2 dB / K	31 dBw

Power Consumption
Rx 65 Watts. Full Power 100 Watt

WHY PICO SLING BLADE?

The Pico Sling Blade KA, the most compact and lightweight in the ESA Blade family, excels in extreme conditions. Its robust design ensures durability and reliability, making it ideal for demanding environments for low bitrate operations.

FOR WHOM?

Beyond Visual Line of Sight (BVLOS) Communications: Facilitates advanced communication capabilities.

Real-Time Control and Navigation: Enables immediate control of aircraft and precision navigation.

Health Monitoring and Live Video: Offers real-time health monitoring and access to near-live video and imagery.

Dynamic Rerouting: Adapts to changing conditions with dynamic aircraft rerouting capabilities.

RF

Tx Frequency	27.5 - 29.95 GHz 28.95 - 31 GHz
Rx Frequency	17.7 - 20.0 GHz 19.2 - 21.2 GHz
Polarization	LHCP or RHCP (elect. Switchable)

SYSTEM

Azimuth	Fully Electronic 360°
Elevation	Beam steering range 10° to 90°
Control Technique	Combined IMU/RSSI/GPS
Initial Acquisition Time	<60 sec
Re-Acquisition time	<100ms
Management	Ethernet
Power Input	18 – 50 [V] DC
Interfaces	RS232, Ethernet

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