



# SLING BLADE C-17



### KEY FEATURES:

- >

Roll-on/ Roll-off
- >

No moving parts
- >

Short transition time
- >

Worldwide satellite networks
- >

All-In-One Solution
- >

Multi orbit constellations

### KA band

Weight (including Radome and Hatch Mount)  
36.4 kg (80.2 lb.)

System Size (W/H/L)  
59 x 46 x 14 cm (23.2 x 18.1 x 5.5")

Max G/T	Max EIRP
10.5 dB / K	49 dBw

Power Consumption  
Rx 376W, Full power 450W

The Sling Blade C-17 represents a significant advancement in antenna technology for C-17 aircraft. This terminal, which belongs to the Electronically Steerable Antenna (ESA) family, is known for its reliability and low-profile design. It operates in Ka-band, and eliminates the need for moving parts, reduces the necessity for recalibration, and lowers maintenance costs.

A key strength of the Sling Blade C-17 lies in its advanced capability to connect with satellites positioned in GEO, and MEO orbits. This enables robust and reliable communication, vital for situations requiring consistent and high-quality satellite links.

As an integral component of the C-17 aircraft's communication system, The Sling Blade C-17 provides a broad spectrum of communication functions. This includes transmitting live video, secure phone calls, video conferencing, and access to essential networks. These features are especially critical for military operations and VIP passengers who require consistent and dependable communication channels during flight.

### RF

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

### SYSTEM

Azimuth	Continues 360° ESA
Elevation	10° to 90° Electronically steerable antenna
Velocity	Azimuth >200° / Sec, Elevation >200° / Sec
Control Technique	Combined IMU/RSSI/GPS
Initial Acquisition Time	<30 sec
Re-Acquisition time	<2 sec (while compass aligned)
Management	Ethernet
Power Input	24 – 50 [V] DC
Interfaces	RS232, Ethernet 10/100/1000 Base-T, USB

**GET SAT** Ltd  
Eli Horovitz 27  
Rehovot, 7608803  
+972-76-530-0700  
info@getsat.com

**GET SAT** North America Inc.  
1750 Tysons Boulevard  
Suite 1500 Mclean, VA 22102  
+1-571-501-5150  
info@getsat.com