

# Plane Simple® Ku-band Advanced Tail Mount Antenna

Powered by Intelsat FlexExec



## Inflight High-speed Internet Made Simple

The Plane Simple® Ku-band Advanced Tail Mount Antenna (ATMA) system enables best-in-class inflight connectivity and meets a wide range of requirements for business jet operators. Principals and crew can connect with confidence to any application or device, even if routes and schedules change unexpectedly.

### Purpose Built

- First integrated system designed exclusively for business aviation
- Dedicated capacity for business aviation service with Intelsat FlexExec
- 24/7 enhanced data collection, troubleshooting and support

### Simplified Design

- Only 2 Line Replaceable Units (LRUs)
- Minimally invasive installation
- Non-pressurized install capability
- Lightweight, advanced terminal technology

The **advanced tail-mount system design** simplifies installation and configuration requirements while providing a seamless and cost-effective transition path as technology advances. Both the modem and antenna are compact and easy to access for maintenance needs. With the option to place in unpressurized parts of the cabin Plane Simple also frees up valuable cabin luggage space.



Stay connected when it matters most



Industry-leading service plan flexibility

**Intelsat FlexExec** is the only broadband solution available with Plane Simple. Thanks to the world's largest integrated satellite and terrestrial network, business jet passengers immerse into a limitless office in the sky, powered by fast, reliable connectivity for every device onboard.



Powered by Intelsat's global high-throughput satellite fleet and wide beam global Ku-band network

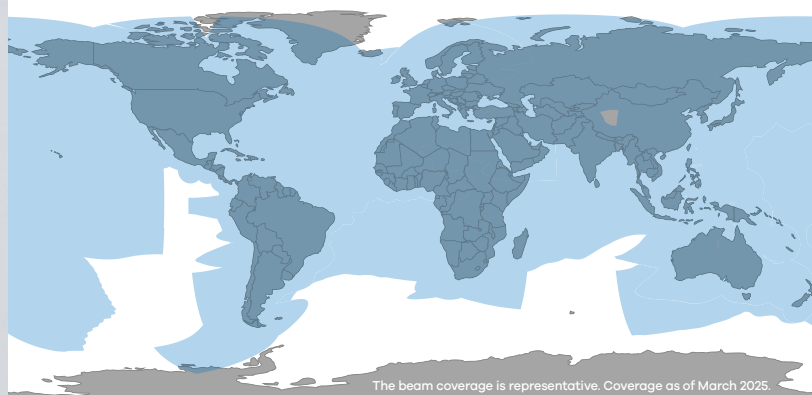


Up to 50/3 Mbps speeds supporting streaming cloud-based enterprise applications, email, voice and text





## FlexExec Global Coverage



### Partnership Dedicated to Service Excellence

Together with Gogo, we provide hassle-free, end-to-end managed connectivity solutions.

- Dedicated, always available bandwidth
- Ubiquitous coverage for domestic and international routes
- Future proof solutions with open-architecture design

**IntelSat FlexExec is a global, multi-layered high-throughput satellite (HTS) network that delivers consistent, high-speed coverage and service anywhere around the world.**

- Multi-layered, resilient Ku-band HTS network
- Uninterrupted connectivity with speeds up to 50/3Mbps
- Highest cyber security standards

### SPECIFICATIONS

#### SIZE (LxH)

14.82in x 13.28in (376.35mm x 337.31mm)

#### LRUs (Only 2)

SMU – SD Modem Unit

ATMA – Advanced Tail Mount Antenna

#### OPERATING FREQUENCIES

RX: 10.70 – 12.75 GHz

TX: 13.75 – 14.50 GHz

#### INSTALLATION

All Un-pressurized

Simple Wiring

#### AIRCRAFT INTERFACE

115VAC 400 Hz

Navigation Bus: ARINC 429

#### MOUNTING INTERFACE

Common 4-Hole

#### SWEPT VOLUME

12.07in Max (306.70mm) (w/all tolerances & dynamics)

#### WEIGHT (ON TAIL)

26.5lbs Max (12.02kg)

#### INPUT VOLTAGE

28 VDC (supplied by SMU)

#### COOLING AIR REQUIREMENTS

Free Convection Cooling Only

#### POWER CONSUMPTION

200 Watts Max, 180 Watts Typical

#### FIELD OF VIEW

Azimuth Continuous 360°;

Elevation 0° to 90°

#### POLARIZATION

Linear Switchable (RX and TX)

#### ALL RF COMPONENTS

Built-In

#### ANTENNA CONTROL UNIT

Built-In

### SD MODEM UNIT SPECIFICATIONS

#### SIZE

ARINC 600 Style 4 MCU

#### WEIGHT

13 lbs. Max (5.89 kg)

#### INPUT VOLTAGE

115VAC 400 Hz Nominal (Current 2.5A)

#### POWER CONSUMPTION

303 Watts Max



To learn more, visit:  
[intelsat.com/businessjet](https://intelsat.com/businessjet) or [gogoair.com](https://gogoair.com)