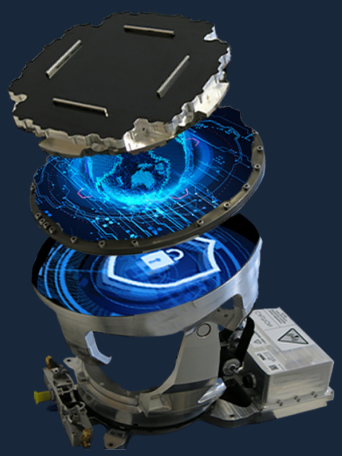
satcom direct.

Plane Simple®
Satcom Antenna Series



Fu·ture-proof (verb)
Flexible architecture can adapt to future network changes

Travelers flying privately expect a premium level of service and high-speed connectivity is no exception. No matter how far they are from their business or life on the ground, high-quality, resilient broadband is a must.

Together, Satcom Direct and Intelsat provide the optimal inflight connectivity experience. Our combined solution offers consistent, global connectivity from taxi to touchdown, offered through flexible service packages.

We enable passengers to browse the internet, stream, send large files, use cloud-based services to keep connected. Crew members are empowered to use connectivity to heighten the end-to-end travel journey.

Purpose Built

- First network integrated terminal designed exclusively for business aviation
- Dedicated capacity for business aviation service over the Intelsat FlexExec network
- Enhanced troubleshooting and support capabilities – data collection and distribution

Simplified Design

- Modular
- Only 2 Line Replaceable Units (LRUs)
- Minimally invasive installation
- Non-pressurized install capability to give back valuable cabin space

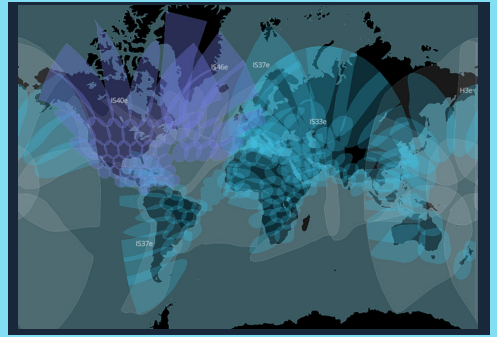
Future Proof

- Frequency & network diverse
- Flexible system that can adapt to future network changes
- Ability to operate on different networks eliminates the risk of depending on a specific network operator or satellite generation

Flexible Pricing Plans

- **Power by the Hour -** One bill, based on hourly service use with the full bundle of SD services
- **Prepaid Plans -** Annual data packages for single aircraft or shared across your fleet, with volume discounts
- **Pay as You Go -** Data only packages, so you only pay for what you use

Global Coverage by Intelsat FlexExec



Worldwide coverage of FlexExec

Specifically engineered to cover high-traffic routes with High Throughput Satellite (HTS) coverage

Layers of wide beam capacity for added resiliency and redundancy.

System Specifications

LRUs (Only 2)	SMU – SD Modem Unit ATMA – Advanced Tail Mount Antenna
Installation	All Un-pressurized Simple Wiring (Supports Future Plane Simple Tail-Mount Variants)
Aircraft Interfaces	AC Version: 115 VAC 400 Hz DC Version: 28 VDC Navigation Bus: ARINC 429 Up to 9 discretes - Input/Output
Operating Frequencies	RX: 10.70 – 12.75 GHz TX: 13.75 – 14.50 GHz
Network Support	Operates on Intelsat Flex|Exec Ku-band network *

** Terminal Design is modular and Network Agnostic.*

ATMA Specifications

Size (LxH)	14.82in x 13.28in (376.35mm x 337.31mm)
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 Typ
Field of View	Azimuth Continuous 360º, Elevation 0º to 90º
Polarization	Linear Switchable (RX and TX)
All RF Components	Built-In
Antenna Control Unit	Built-In

SMU Specifications

Size	ARINC 600 Style 4 MCU
Weight	13 lbs. Max (5.89 kg)
Input Voltage	AC Version: 115VAC 400 Hz Nominal (Current 2.5A) DC Version: 28 VDC Nominal (Current 10A)
Power Consumption	303 Watts Max

For more information

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