

SAT-2200 satellite communications system



A single source for the safety-critical applications you need, the real-time flight deck connectivity you want and the connectivity your passengers expect.

The SAT-2200 satellite communications system from Rockwell Collins provides a wide range of flight deck communication benefits for a safer flight, every time. This in-flight, long range communication system will support all the connected operations apps you use while delivering secure and seamless voice and data connections for both safety and non-safety critical applications. Lower your fuel costs, gate time and crew workload with one system.

With a modest footprint, the SAT-2200 simultaneously serves all three of your on-board application domains: aircraft control, aircraft information system, and passenger information and entertainment system.

The SAT-2200 complies with the latest ARINC 781 industry standard for Inmarsat SATCOM capability for Classic Aero, fulfilling your safety applications mandate. The system uses SwiftBroadband for all other operations.

As one of the lightest, smallest and most affordable Inmarsat SATCOMs on the market, the SAT-2200 is designed for maximum efficiency and scalability. Its satellite data unit has a built-in amplifier – or, depending upon installation constraints, it can be paired with an external flange-mounted power amplifier base.

The SAT-2200 is designed to work with the latest Inmarsat-approved high-gain antenna systems, including a diplexer/low noise amplifier and a configuration module.

The system maintains communications without pilot intervention during all flight phases. Handover between satellites and spot beams is accomplished automatically, based on preferences contained in the Secure ORT (within the configuration module) as defined in ARINC 781. The normal configuration gives preference to the voice and data safety services provided by satellites and ground stations supporting Classic Aero services.

**Rockwell
Collins**

Building trust every day

FEATURES AND BENEFITS

- Valid for both cockpit and cabin communication
- Smallest full-featured cockpit and cabin SATCOM
- Lowest drag, high-performance ARINC 781 PIM-approved antenna
- Compact: the SATCOM embeds the ARINC 741 HPA, SDU, RFU and HST functions in a single, six-MCU transceiver
- Modular: the Rockwell Collins solution is also a product line able to fit installations with or without external flanged-mounted power amplifier

SPECIFICATIONS

	SDU	FMPA	SCM
Weight	11.34 kg (25 lb)	6.8 kg (15 lb)	.34 kg (.75 lb)
Height	199.39 mm (7.85 in)	136.14 mm (5.36 in)	25.4 mm (1 in)
Width	261.62 mm (10.3 in)	238 mm (9.37 in)	101.6 mm (4 in)
Length	322.58 mm (12.7 in)	324.61 mm (12.78 in)	114.3 mm (4 in)
Cooling	ARINC 600 cooling air	ARINC 781	No cooling air required

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

With our acquisition of ARINC, Rockwell Collins now can provide a full suite of connectivity services. To learn more, please contact: GLOBALink@arinc.com or 1.800.633.6882 or 1.703.637.6360.

Building trust every day.

Rockwell Collins delivers smart communication and aviation electronic solutions to customers worldwide. Backed by a global network of service and support, we stand committed to putting technology and practical innovation to work for you whenever and wherever you need us. In this way, working together, we build trust. Every day.

For more information, contact:

Rockwell Collins
400 Collins Road NE
Cedar Rapids, Iowa 52498
+1.319.295.4085
email: csmarketing@rockwellcollins.com
www.rockwellcollins.com

**Rockwell
Collins**

Building trust every day