

Cobham AVIATOR IGA-5001

Inmarsat SATCOM Intermediate Gain Antenna

COBHAM

Data Sheet

The most important thing we build is trust

Description

The IGA-5001 is a fuselage mount electronically steered, phased array antenna. It is a rugged and reliable product gaining from the field experience of the HGA-7000 and HGA-7001, the latter being the antenna of choice on new air transport aircraft. It is fully compliant with the Inmarsat SDM and is considered to be the optimum antenna solution for Inmarsat's SwiftBroadband Class 7 service. It is by far the smallest Intermediate Gain Antenna certified for both single and multi-channel operation. Partnered with Cobham's AVIATOR range, it makes a compelling case for moving Inmarsat voice and data services onto smaller aircraft types.

Features

- Low profile
- Small footprint
- Solid state highly reliable design
- Integrated GPS antenna
- TSO-C132 certified
- Fuselage mount with simple connection via two TNC Bulkhead feedthroughs
- Over 60% smaller and 34% lighter than its nearest competitor

Technical Specifications

Dimensions

Length: 581 mm (22.87")
Width: 175 mm (6.89")
Height: 49 mm (1.93")
Weight: 3.5 kg (7.7 lbs)

Interfaces

RF: TNC Male
Control: TNC Male

Altitude

70,000 ft

Temperature Range

-65 to +70 deg C

Voltage

28 Vdc

Power

7 W

Qualification

DO-160F
DO-178B level D

Certification

802-10-0010: FAA TSO 10 March 2010

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