

Cobham AVIATOR IGA-5006

Inmarsat SATCOM Intermediate Gain Antenna

COBHAM

Data Sheet

The most important thing we build is trust

Description

The IGA-5006 antenna is a 2-axis mechanically steered fuselage antenna. It has integrated navigation sensors allowing installation on an aircraft with no IRS, AHRS or other navigation systems. It is widely used with Aero Mini-M and Aero-I systems and is well known in the Inmarsat Aero World. The IGA-5006 is ideal for single channel SwiftBroadband system applications where size and weight need to be optimized and cost minimised. A range of custom adaptor plates are available to simplify installation design and planning.

Features

- 2-Axis mechanically steered antenna
- Fuselage or Tail-cap mounting
- Integrated sensors for autonomous steering (no AHRS/IRS input required)
- Integrated GPS antenna
- Simple installation
- Field proven design

Technical Specifications

Dimensions

Length: 560 mm (22.05")
Width: 150 mm (5.9")
Height: 124 mm (4.88")
Weight: 2.4 kg (5.3 lbs)

Interfaces

RF: TNC Male
Control: TNC Male

Altitude

70,000 ft

Temperature Range

-55 to +70 deg C

Voltage

28 Vdc

Power

30 W

Qualification

DO-160D

Certification

677-A0002: ZA PMA/546/001

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