

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 which is now standard fit on new Boeing Aircraft. It is fully compliant with the Inmarsat SDM and is considered to be one of the optimum antenna solutions for Inmarsat's SwiftBroadband Class 7 service offering. Partnered with Cobham's SwiftBroadband offerings, 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 certification in progress
- Fuselage mount with simple connection via two TNC Bulkhead feedthroughs

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
Power: 28 Vdc (nominal) at 200 mA

Qualification

DO 160F: [E1X]AB[BE][S(MLY)R(CC1EE1FF1)H
(R)]ESFSFFTZXXX[CC][RY]H[A3J44]
[1A2A]AAX

Certification

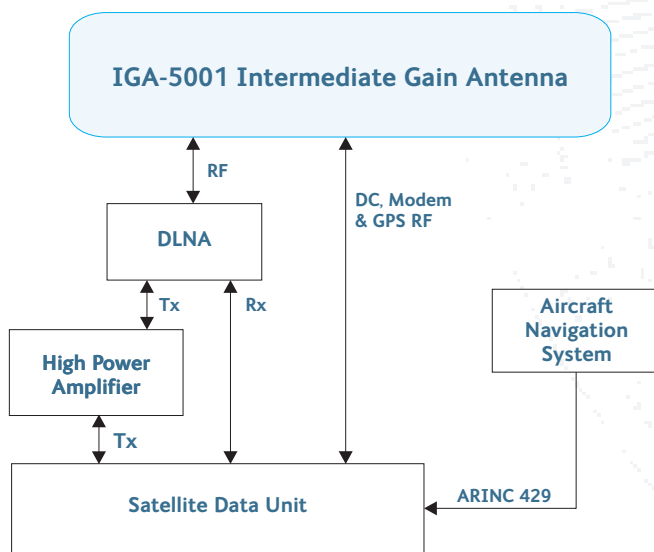
677-A0181: TSO Pending

802-10-0010: TSO Pending

Inmarsat approvals

Service coverage: 96.3%

Antenna Assessment: AICH02



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