

Cobham AVIATOR HGA-7000

Inmarsat SATCOM High Gain Antenna

COBHAM

Data Sheet

The most important thing we build is trust

Description

The HGA-7000 is a phased array fuselage mount High Gain Antenna. Its low profile and small footprint make it suitable for installation on air transport aircraft and business jets. The antenna meets the ARINC 741 standard and is type approved by Inmarsat for use with Classic Aero (H/H*), Swift64 and SwiftBroadband. A unique interface with the Beam Steering Unit (BSU) offers simple through-fuselage connectivity. A variety of mounting and adapter plates allow simple and flexible installation across a diverse range of airframes.

Features

- ARINC 741 compliant
- No coverage keyholes
- Low profile
- Effective low elevation multi-path rejection
- Qualified for rotorcraft installations
- Solid state highly reliable design
- Interface via two coaxial connectors

Technical Specifications

Dimensions

Length: 861 mm (33.9")
Width: 299 mm (11.77")
Height: 51.6 mm (2.03")
Weight: 8.8 kg (19.4 lbs)

Interfaces

RF: TNC Male
Control: TNC Male

Altitude

70,000 ft

Temperature Range

-55 to +70 deg C

Voltage

28 Vdc

Power

22.4 W

Qualification

DO-160D

Certification

677-A0106: ZA-CAA PMA
ZA-PMA/546/004
27 July 2005
804-10-0001: FAA PMA
PQ0780SW
17 November 2005

For further information, please contact:

[Cobham SATCOM, Cape Town](#)

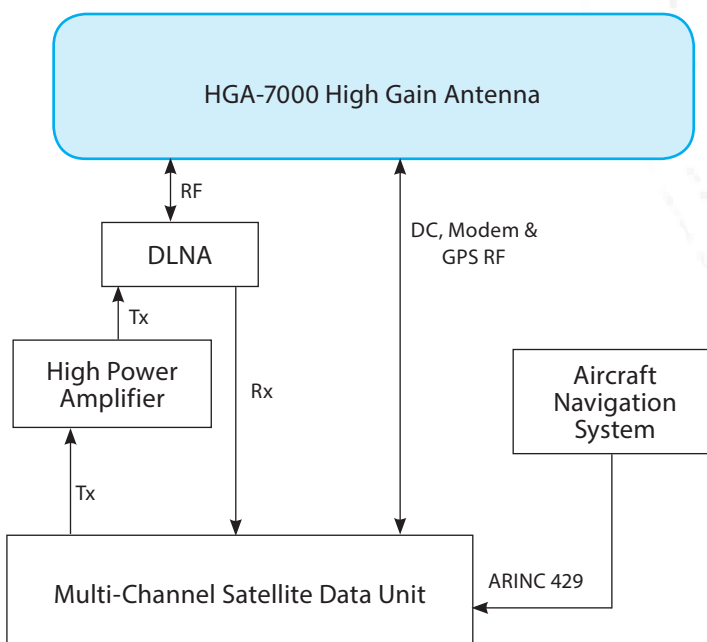
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