

Cobham AVIATOR HGA-8000

Inmarsat SATCOM High Gain Antenna

COBHAM

Data Sheet

The most important thing we build is trust

Description

The HGA-8000 High Gain Antenna is a circular phased array fuselage mount Inmarsat antenna designed to fit on a hatch cover of the C-130 transport aircraft. It is also in use on military helicopters, where the low profile is a key requirement and gives the antenna a distinct advantage over its competitors. The antenna is fully compatible with ARINC 741 standards and is compliant to Classic Aero (H/H⁺), Swift64 and SwiftBroadband SATCOM System specifications.

Features

- Seamless coverage over Inmarsat hemisphere
- Low profile
- Effective multi-path rejection at low elevation
- Qualified for rotor craft installations
- Solid state highly reliable design
- Two co-axial bulkhead connections
- Weight of only 17.2 lbs (7.8 kg)

Technical Specifications

Dimensions

Length: 514.2 mm (20.24")
Width: 514.2 mm (20.24")
Height: 48.3 mm (1.90")
Weight: 7.8 kg (17.2 lbs)

Interfaces

RF: SMA Female
Control: SMA Female

Altitude

70,000 ft

Temperature Range

-55 to +70 deg C

Voltage

28Vdc

Power

22.4 W

Qualification

DO-160D

For further information, please contact:

[Cobham SATCOM, Cape Town](#)

Tel: +27 21 700 7000

Fax: +27 21 700 7199

Email: satcom.capetowninfo@cobham.com

or:

Distributed By:

