

Comant CI 408-20

ComDat GPS

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI 408-20 ComDat GPS

Active GPS antenna designed for airborne applications with aircraft speeds up to 600 KTAS.

Round footprint allows for drop-in replacement for many popular GPS applications.

Meets RTCA DO 160-D operating standards including direct effects lightning.

ComDat® Saves Time / Saves Space/ Saves Money!

Applications

Most aircraft up to and including business jets. Consult your FBO or installation shop for best application information.

Frequencies Covered

GPS 1575.42 MHz - 28.0 db Gain

Specifications

GPS Characteristics

Frequency	1575.42 +/-3 MHz
-----------	------------------

VSWR	2.0:1 Maximum
------	---------------

Polarization	RHCP
--------------	------

Radiation Pattern	Hemispherical
-------------------	---------------

Output Impedance	50 Ohms
------------------	---------

Gain	28 dB +/-3
------	------------

DC Voltage	7.0-24.0 Volts
------------	----------------

DC Current	50 mA Maximum
------------	---------------

Noise Figure	3.8 dB Maximum
--------------	----------------

Power Handling	1 Watt
----------------	--------

Mechanical / Environmental

Weight	.45 lbs Maximum
--------	-----------------

RTCA Env. / TSO	DO 160-D / C 144
-----------------	------------------

Connector	TNC (Female)
-----------	--------------



WARNING: Use factory supplied drawings and specifications for installation. Refer to FAA AC 43.13-2B for installation guidelines.

For further information please contact:

Cobham SATCOM Airborne Systems
577 Burning Tree Road
Fullerton, California 92833 USA
Tel: (01) 714-870-2420
Fax: (01) 714-870-5133
Email: comant@cobham.com