

# Comant CI 401-220

ComDat GPS

**COBHAM**

2008 Data Sheet

The most important thing we build is trust

## CI 401-220 ComDat GPS

Comant's ComDat® stand-alone GPS antenna with TNC connector. Matches the standard ARINC footprint found on many twins and business jets.

Meets RTCA DO 160-D operating standards including direct effects lightning. Designed to operate with 26.5 dB panel mount GPS receivers.

Certified FAA TSO-C144 for GPS and GPS WAAS Class Gamma 1 equipment. Not compliant for GPS WAAS Class Gamma 2 and 3 applications.

**Not compatible with most portable GPS receiver systems.**

## 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 / 26.5 dB Gain

## Specifications

### GPS Preamplifier Characteristics

Frequency	1575.42 +/-3 MHz
VSWR	1.5:1 Maximum
Polarization	RHCP
Radiation Pattern	Hemispherical
Output Impedance	50 Ohms
Gain @ 1575.42 MHz	26.5-31.5 dB
DC Voltage	4 to 24 Volts
DC Current Min/Max	25mA / 40 mA
Noise Figure	3.8 dB
Selectivity	-40 dB Min. @ Satcom 1626.5 MHz

### Mechanical / Environmental

Weight	6.2 Ounces
RTCA Env. / TSO	DO 160-D / C144
Connector	TNC (Female)

