

# Comant CI 420-220

ComDat GPS/XM

# COBHAM

2008 Data Sheet

The most important thing we build is trust

## CI 420-220 ComDat GPS/XM

Comant's ComDat® stand-alone GPS antenna with TNC connector. Matches the popular teardrop footprint found on many general aviation aircraft and business jets.

Meets RTCA DO 160D 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	-35 dB Min. @ Satcom 1626.5 MHz

### Mechanical / Environmental

Weight	4.2 Ounces
RTCA Env. / TSO	DO 160D / 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:

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