

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)



For further information please contact:

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