

# Comant CI 429-200

ComDat WAAS GPS

**COBHAM**

2008 Data Sheet

The most important thing we build is trust

## CI 429-200 ComDat WAAS GPS

Comant's first FAA TSO'd GPS antenna qualified under new, stringent C190 WAAS requirements. Using the popular ARINC 743 footprint, this WAAS GPS will operate with any DO-301 qualified WAAS GPS system providing full Gamma 2 & 3 and LPV capabilities.

Environmentally tested under RTCA DO-160E standards, the CI 429-200 offers an extensive test pedigree that will meet many GPS system and aircraft requirements.

Manufactured with a tough, Skydrol resistant radome and nickel plated aluminum base plate, the CI 429-200 comes standard with a Nitrile 'O' ring for positive sealing to the aircraft skin.

**Not compatible with hand-held GPS 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 +/- 10.23MHz
VSWR	1.5:1
Polarization	RHCP
Radiation Pattern	Omnidirectional
Impedance	50 Ohms (Nominal)
Gain @ 1575.42 MHz	26.5dB MIN - 32.5dB MAX
DC Voltage	4 to 24 VDC
DC Current Min/Max	40 mA TYP / 60 mA MAX
Noise Figure	2.5dB MAX
Stability	Unconditional

### Mechanical / Environmental

Weight	7.73 Oz. MAX
Finish	Glossy White
RTCA Env. / TSO	DO-160E / C190
Connector	TNC (Female)



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](mailto:comant@cobham.com)

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