

# Comant CI 2480-201

ComDat VHF/GPS

# COBHAM

2008 Data Sheet

The most important thing we build is trust

## CI-2480-201 ComDat VHF/GPS

Comant's ComDat dual function single engine antenna for VHF/GPS. Our patented technology provides 80 dB of VHF harmonic suppression allowing Comant to offer VHF and GPS in one radome without in-line filters.

Designed as a "drop-in" replacement for common single engine teardrop footprint.

Compatible with Garmin 17 dB GPS panel mount receiver systems.

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

## Applications

Single engine piston aircraft for applications of this antenna design. Consult your FBO or installation shop for best application information.

## Frequencies Covered

VHF 118-137 MHz

GPS 1575.42 MHz / 17.0 dB Gain

## Specifications

### VHF Specifications

Frequency	118-137 MHz
VSWR	2.5:1 Maximum
Polarization	Vertical
Radiation Pattern	Omni Directional
Impedance	50 Ohms
Power Rating	50 Watts

### GPS Preamplifier Specs

Frequency	1575.42 +/-3 MHz
VSWR	2.0:1 Max.
Polarization	RHCP
Radiation Pattern	Hemispherical
Impedance	50 Ohms
Gain	17.0 +/-3 dB
DC Voltage	+5 +/-0.5 Vdc
DC Curr. Min/Max	20 mA Maximum
Noise	3.0 dB Max

### Mechanical / Environmental

Weight	0.6 lb Maximum
RTCA Env. / TSO	DO 160D / C37d, C38d, C129
Connectors	VHF - BNC / GPS - TNC



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

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