

# Comant CI 2480-200

ComDat VHF/GPS

**COBHAM**

The most important thing we build is trust

## CI-2480-200 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. Designed for popular 26.5 dB gain GPS panel mount systems.

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 hand-held receiver 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 +/- 3MHz / 26.5 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	2.5:1 Max.
Polarization	RHCP
Radiation Pattern	Hemispherical
Impedance	50 Ohms
Gain	26.5 dB
DC Voltage	+5 Vdc
DC Curr. Min/Max	50 mA Maximum
Noise	3.8 dB Max

### Mechanical / Environmental

Weight	0.6 lb Maximum
RTCA Env. / TSO	DO-160D / C37d, C38d, C144
Connectors	VHF - BNC / GPS - TNC



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

### Order at:

Tel: 714-870-2420 Fax: 714-870-6294  
Email: comantorders@cobham.com