

# Comant CI 2680-200

ComDat VHF/GPS

# COBHAM

The most important thing we build is trust

## CI 2680-200 ComDat® VHF/GPS

Comant's ComDat dual function high speed antenna for twins and light jets. Featuring VHF and GPS in a single antenna.

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 for use with popular GPS panel mount receiver units requiring 26.5 dB gain.

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

## Applications

Single and twin engine piston aircraft for applications of this antenna design. Some light turbine and light jets. Consult your FBO or installation shop for best application information.

## Frequencies Covered

VHF 118-137 MHz  
GPS 1575.42 +/- 3 MHz  
26.5 +/- 3 dB Gain

## Specifications

### VHF Specifications

Frequency	118-137 MHz
VSWR	2.9:1 Maximum
Polarization	Vertical
Radiation Pattern	Omni Directional
Impedance	50 Ohms
Power Rating	50 Watts

### GPS Preamplifier Specs

Frequency	1575.42 +/- 3 MHz
VSWR	1.5:1 Max.
Polarization	RHCP
Radiation Pattern	Hemispherical
Impedance	50 Ohms
Gain	26.5 - 31.5 dB
DC Voltage	4 - 24 Vdc
DC Curr. Min/Max	25mA / 40mA
Noise	3.8 dB Max

### Mechanical / Environmental

Weight	1.25 lbs 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:

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