

Comant CI 2480-200

ComDat VHF/GPS

COBHAM

2008 Data Sheet

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 portable 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 / 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	2.0:1 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.

For further information please contact:

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