

# Comant CI 2480-201

## COMDAT® VHF COMMUNICATION / GPS NON-WAAS NAVIGATION

### CI 2480-201 ANTENNA

Comant's ComDat® four-through-hole-mount style whip VHF / GPS non-WAAS antenna with BNC / TNC ports. This antenna covers both VHF communication and GPS frequencies. GPS C129 certified for class 1 LNAV approaches (lateral navigation only). Designed to be used with Garmin 17 dB gain GPS panel mount systems. Suitable for top mounting with both light and heavy fixed-wing single-engine and helicopter aircraft.

**GPS portion not compatible with most GPS hand held receiver systems.**

### APPLICATIONS

Light Fixed-Wing Single-Engine  
Heavy Fixed-Wing Single-Engine  
Helicopter

Warranty: 1 year

Always consult your installation shop for best application. See full disclaimer (Page 7) for more information.

### FREQUENCIES COVERED

118 - 137 MHz (VHF - Comm)

1575.42 MHz (L1 Band - GPS)

Nominal 17 dB Gain

### SPECIFICATIONS

#### VHF Specifications

Frequency	118-137 MHz
VSWR	2.5:1 Max
Polarization	Vertical
Radiation Pattern	Omnidirectional
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 Max
Noise	3.0 dB Max

#### Mechanical / Environmental

Weight	0.60 lb.
RTCA Env. / TSO	DO-160D / C37d, C38d, C129
Connectors	VHF - BNC / GPS - TNC

