

Comant CI 2480-200

COMDAT® VHF COMMUNICATION / GPS NON-WAAS NAVIGATION

CI 2480-200 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 C144 certified for class 1 LNAV approaches (lateral navigation only). Designed to be used with 27 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 27 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 | 26.5 dB |
| DC Voltage | +5 VDC |
| DC Curr. Min/Max | 50 mA Max |
| Noise | 3.8 dB Max |

Mechanical / Environmental

| | |
|-----------------|----------------------------|
| Weight | 0.60 lb. |
| RTCA Env. / TSO | DO-160D / C37d, C38d, C144 |
| Connectors | VHF - BNC / GPS - TNC |

