

Comant CI 2590-200

COMDAT® VHF COMMUNICATION / GPS WAAS NAVIGATION

CI 2590-200 ANTENNA

Comant's ComDat® four-through-hole-mount style whip VHF / GPS WAAS antenna with BNC / TNC ports. This antenna covers both VHF communication and GPS frequencies. GPS C190 certified for class 3 LPV precision approaches. Designed to be used with 27 dB gain GPS panel mount systems. Suitable for top mounting with light fixed-wing single-engine 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 +/- 10.23 MHz
VSWR	1.5:1 Max
Polarization	RHCP
Radiation Pattern	Hemispherical
Impedance	50 Ohms
Gain	26.5 dB Min / 32.5 dB Max
DC Voltage	4 - 24 VDC
DC Current	40 mA Typical - 60 mA Max
Noise Figure	2.5 dB Max

Mechanical / Environmental

Weight	0.75 lb.
FAA TSO	C169 VHF / C190 GPS
RTCA Environmental	DO-160E
Connectors	VHF - BNC / GPS - TNC

