

Comant CI 2590-200

ComDat VHF/GPS C190 WAAS

COBHAM

The most important thing we build is trust

CI-2590-200 ComDat® VHF/GPS WAAS

Comant's newest ComDat VHF/GPS antenna designed specifically to meet the GPS WAAS specifications required by the FAA's C190 TSO.

Our patented technology provides 80 dB of VHF harmonic suppression allowing VHF and GPS in one radome without in-line filters.

Tested and passed to direct effects lightning environmental testing. Gamma 3 WAAS allows for primary navigation using GPS for all phases of flight including precision LPV approaches.

Not intended for hand-held GPS 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 +/- 10.23 MHz
VSWR	1.5:1 Maximum
Polarization	RHCP
Radiation Pattern	Hemispherical
Impedance	50 Ohms
Gain	26.5dB Min. / 32.5 dB Max.
DC Voltage	4 - 24 Vdc
DC Current	40 mA Typical - 60mA Max.
Noise Figure	2.5 dB Max

Mechanical / Environmental

Weight	0.75 lb Maximum
FAA TSO	C169 VHF / C190 GPS
RTCA Environmental	DO-160E
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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