

Comant CI 428-200

ComDat GPS WAAS

COBHAM

The most important thing we build is trust

CI 428-200 ComDat® GPS WAAS

Comant's newest ComDat GPS WAAS antenna designed specifically to meet the GPS WAAS Gamma 3 specifications required by the Garmin G1000 system.

Matches the standard ARINC footprint found on many twins and business jets.

Meets RTCA DO 160D operating standards including direct effects lightning.

Gamma 3 WAAS allows for primary navigation using GPS for all phases of flight including precision LPV approaches.

Not compatible with hand-held GPS receiver units.

Applications

Most aircraft up to and including business jets. Consult your FBO or installation shop for best application information.

Frequencies Covered

GPS 1575.42 MHz / 26.5 - 30.1 dB Gain

Specifications

GPS Preamplifier Characteristics

Frequency	1575.42 +/-3 MHz
VSWR	1.5:1 Maximum
Polarization	RHCP
Radiation Pattern	Hemispherical
Output Impedance	50 Ohms
Gain @ 1575.42 MHz	26.5-30.1 dB
DC Voltage	4 to 24 Volts
DC Current	40mA Typical / 60mA Maximum
Noise Figure	2.5 dB Maximum
Selectivity	-50 dB Min. @ Satcom 1626.5 MHz

Mechanical

Weight	6.2 Ounces
Finish	Glossy White
Connector	TNC (Female)
'O' Ring Gasket	70486

Environmental

RTCA Env. DO-160D

Federal Specifications

TSO C144



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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