

Comant CI 420-221

GPS NON-WAAS NAVIGATION

CI 420-221 ANTENNA

Comant's four-through-hole-mount style teardrop GPS non-WAAS antenna with TNC ports. GPS C144 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 for both light and heavy fixed-wing single-engine / multi-engine, helicopter and business jet aircraft.

GPS not compatible with most GPS hand held receiver systems.

APPLICATIONS

Light Fixed-Wing Single-Engine
Light Fixed-Wing Multi-Engine
Heavy Fixed-Wing Single-Engine
Heavy Fixed-Wing Multi-Engine
Helicopter
Business Jet

Warranty: 1 year

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

FREQUENCIES COVERED

1575.42 MHz (L1 Band- GPS)
Nominal 17 dB Gain

SPECIFICATIONS

GPS Preamplifier Characteristics

Frequency	1575.42 +/-3 MHz
VSWR	1.5:1 Max
Polarization	RHCP
Radiation Pattern	Hemispherical
Output Impedance	50 Ohms
Gain @ 1575.42 MHz	17 +/-3 dB
DC Voltage	4 to 24 Volts
DC Curr. Min/Max	20 mA Max
Noise Figure	3.8 dB Max
Selectivity	-35 dB Min @ Satcom 1626.5 MHz

Mechanical

Weight	4.2 oz.
Finish	Glossy White
Connector	TNC (Female)

Environmental

RTCA Env.	DO-160D
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Federal Specifications

TSO	C144
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