

# Comant CI 429-200

## GPS WAAS NAVIGATION

### CI 429-200 ANTENNA

Comant's four-through-hole-mount style rectangle (ARINC 743A footprint) GPS WAAS antenna with TNC ports. GPS C190 certified class 3 LPV precision approaches. Designed to be used with 27 dB gain GPS panel mount systems. Suitable for top mounting for both light and heavy fixed-wing single-engine / multi-engine, and business jet aircraft.

**GPS portion 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  
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 27 dB Gain

### SPECIFICATIONS

#### GPS Preamplifier Characteristics

Frequency	1575.42 +/- 10.23 MHz
VSWR	1.5:1
Polarization	RHCP
Radiation Pattern	Omnidirectional
Impedance	50 Ohms (Nominal)
Gain @ 1575.42 MHz	26.5 dB Min - 32.5 Max dB
DC Voltage	4 to 24 VDC
DC Curr. Min/Max	40 mA Typical / 60 mA Max

#### Mechanical

Weight	7.73 oz. Max
Finish	Glossy White
Connector	TNC (Female)

#### Environmental

RTCA Env.	DO-160E
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#### Federal Specifications

TSO	C190
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