

Comant CI 2728-410

**COMDAT® VHF COMMUNICATION /
GPS WAAS NAVIGATION / XM WEATHER & RADIO**

CI 2728-410 ANTENNA

Comant's ComDat® four-through-hole-mount style blade triple-function VHF / GPS WAAS / XM Weather & Radio antenna with BNC / dual TNC ports and lightning protection. This antenna covers both VHF communication, GPS and XM frequencies. GPS C144 certified for class 3 LPV precision approaches. Designed to be used with Garmin WAAS GPS and XM panel mount systems. Suitable for top mounting with 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 Jets

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
2332.5 - 2345.0 (S Band - XM)
Nominal 25 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

Amplifier Specifications

	GPS	XM/ Weather
Frequency	1575.42 +/-3 MHz	2332.5-2345.0 MHz
VSWR	1.5:1 Max	1.5:1 Max
Polarization	RHCP	LHCP
Radiation Pattern	Hemispherical	Hemispherical
Impedance	50 Ohms	50 Ohms
Gain	26.5-31.5 dB	25+/-2 dB
DC Voltage	4 - 24 VDC	4 - 24 VDC
DC Curr. Typ/Max	40 mA / 60 mA	25 mA / 55 mA
Noise	3.8 dB Max	2.7 dB Max

Mechanical / Environmental

Weight	1.25 lbs.
RTCA Env. / TSO	DO-160D / C169, C144
Connectors	VHF - BNC / GPS - TNC / XM - SMA

