

Comant CI 2480-216

ComDat VHF/XM

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI-2480-216 ComDat VHF/XM

Comant's multifunction VHF/XM antenna for single engine aircraft. Matches single engine common teardrop footprint. Perfect to add XM weather data to a stand-alone VHF mounted antenna.

Our patented VHF harmonic suppression also protects co-located stand-alone GPS antennas, allowing for more antennas in less total area.

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 / 17.0 dB Gain

Specifications

VHF Characteristics

Frequency	118-137 MHz
VSWR	2.5:1 Maximum
Polarization	Vertical
Radiation Pattern	Omnidirectional
Impedance	50 Ohms
Power Rating	50 Ohms

XM Weather Data Specification

Frequency	2332.5-2345.0 MHz
VSWR	1.5:1 Maximum
Polarization	LHCP
Radiation Pattern	Hemispherical
Impedance	50 Ohms
Gain	30-34 dB
DC Voltage	4-24 Volts
DC Current Min/Max	25mA Min. / 55 mA Max.

Mechanical / Environmental

Weight	0.7 lbs
RTCA Env. / TSO	DO 160D, C 37d, C 38d
Connector	VHF - BNC / XM - TNC



WARNING: Use factory supplied drawings and specifications for installation. Refer to FAA AC 43.13-2B for installation guidelines.

For further information please contact:

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