

# Comant CI 2680-216

ComDat VHF/XM

2008 Data Sheet

**COBHAM**

The most important thing we build is trust

## CI-2680-216 ComDat VHF/XM

Comant's multifunction VHF/XM high speed blade antenna for twins and light jet aircraft. Exact match of 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 and twin engine piston aircraft for applications of this antenna design. Some light turbine and light jets. Consult your FBO or installation shop for best application information.

## Frequencies Covered

VHF 118-137 MHz

XM 2332.5 - 2345.0 30-34dB Gain

## Specifications

### VHF Characteristics

Frequency	118-137 MHz
VSWR	2.9:1 Maximum
Polarization	Vertical
Radiation Pattern	Omnidirectional
Impedance	50 Ohms
Power Rating	50 Ohms

### XM Weather Data Specification

Frequency	2332.5-2345.0 MHz
VSWR	2.0:1 Maximum
Polarization	LHCP
Radiation Pattern	Hemispherical
Impedance	50 Ohms
Gain	30-34 dB
DC Voltage	4.75-24 Volts
DC Current Min/Max	45mA Typical / 55 mA Max.

### Mechanical / Environmental

Weight	1.25 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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