

# Comant CI 420-16

## ComDat XM Antenna

# COBHAM

2009 Data Sheet

The most important thing we build is trust

### CI 420-16 ComDat XM

Comant's ComDat® XM Weather antenna designed for Heads Up Technologies (HUT) receivers with longer coaxial cable runs. Features robust TNC female connector.

Conforms to the popular teardrop footprint standard on many general aviation aircraft and business jets.

ComDat® Saves Time / Saves Space / Saves Money!

### Applications

Most aircraft up to and including business jets. Consult your FBO or installation shop for best application information.

### Frequencies Covered

XM 2332.5-2345.0 /26-30 dB Gain

### Specifications

#### XM Weather Data Specifications

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Frequency                         | 2332.5-2345.0 MHz                     |
| VSWR                              | 1.5:1 Maximum                         |
| Polarization                      | LHCP                                  |
| Radiation Pattern                 | Hemispherical                         |
| Impedance                         | 50 Ohms                               |
| Gain                              | 26-30 dB                              |
| DC Voltage                        | 4 V Min. / 4.7 V Typical / 5.5 V Max. |
| DC Current                        | 25mA Min/45mA Typical / 55mA Max.     |
| Noise Figure                      | 2.7 dB Maximum                        |
| <b>Mechanical / Environmental</b> |                                       |
| Weight                            | 4.2 Ounces                            |
| RTCA Env. / TSO                   | DO 160-D                              |
| Connector                         | XM - TNC (Female)                     |



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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