

# Comant CI 420-1

## XM WEATHER & RADIO

### CI 420-1 ANTENNA

Comant's four-through-hole-mount style teardrop XM antenna with SMA port. Designed to operate with XM systems such as the Heads Up XM weather data systems. Suitable for top mounting for both light and heavy fixed-wing single-engine / multi-engine, and business jet aircraft.

### APPLICATIONS

Light Fixed-Wing Single-Engine  
Light Fixed-Wing Multi-Engine  
Heavy Fixed-Wing Single-Engine  
Heavy Fixed-Wing Multi-Engine  
Business Jet

Warranty: No Warranty

Always consult your installation shop for best application. See full disclaimer (Page 7) for more information.

### FREQUENCIES COVERED

2332.5 - 2345.0 MHz (S Band XM)  
Nominal 28 dB Gain

### SPECIFICATIONS

#### XM Weather Data Specification

Frequency	2332.5-2345.0 MHz
VSWR	1.5:1 Max
Polarization	LHCP
Radiation Pattern	Hemispherical
Impedance	50 Ohms
Gain	26-30 dB
DC Voltage	4.7 Typical / 5.5 V Max
DC Curr. Min/Max	45 mA Typical / 55 mA Max
Noise Figure	1.1 dB Typical

#### Mechanical

Weight	4.2 oz.
Finish	Glossy White
Connector	XM-SMA (Female)

#### Environmental

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

TSO	PMA
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