

# Comant CI 420-490

## SINGLE CHANNEL IRIIDIUM™ SATCOM

### CI 420-490 ANTENNA

Comant's four-through-hole-mount style teardrop Iridium antenna with TNC ports. Iridium C159a certified designed for airborne Iridium based telephone, email, asset tracking or safety services. 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 Jets

Warranty: 1 year

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

### FREQUENCIES COVERED

1616.0 - 1626.5 MHz (L Band - Iridium)

### SPECIFICATIONS

#### RF Characteristics

Iridium TX / RX	1616.0-1626.5 MHz
VSWR	1.5:1 Max
Polarization	RHCP
Radiation Pattern	Hemispherical
Impedance RF	50 Ohms
Power Handling - TX	6.5 watts Average
Lightning Protection	DC Grounded
Gain	+3 dBic @ Zenith

#### Mechanical

Weight	5.0 oz. Max
Finish	Glossy White
Connector	TNC (Female)

#### Federal Specifications

FAA TSO	C159a
RTCA Environmental	DO-160G

