

# Comant CI 175

## VHF Communication

**COBHAM**

### 2008 Data Sheet

The most important thing we build is trust

#### CI 175 VHF Communication

High strength antenna designed as an improved direct replacement for the standard Cessna 3-hole mounting configuration.

The CI 175 has been re-tested and upgraded to the new RTCA DO-160D environmental requirements and offers the 118 to 137 MHz frequency associated with DO-160D.

#### Applications

Single engine piston aircraft for applications of this antenna design. Consult your FBO or installation shop for best application information.

#### Frequencies Covered

118-137 MHz

#### Specifications

##### Electrical

Frequency 118-137

VSWR 2.5:1 Maximum

Polarization Vertical

Radiation Pattern Omnidirectional

Impedance RF 50 Ohms

Power RF 50 Watts

##### Mechanical

Weight 0.5 lbs Max.

Height 18.75 inches Max.

Material Cast Housing / Fiberglass Whip

Finish Polyurethane Enamel

Connector BNC (female)

##### Environmental

Temperature -55 to +85 Celcius

Altitude 50,000 ft.

Airspeed 250 KTAS

##### Federal Specifications

FAA TSO C37d, C38d

RTCA Environmental DO-160D



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

For further information please contact:

Cobham SATCOM Airborne Systems  
577 Burning Tree Road  
Fullerton, California 92833 USA  
Tel: (01) 714-870-2420  
Fax: (01) 714-870-5133  
Email: [comant@cobham.com](mailto:comant@cobham.com)