

# Comant CI 108

## VHF Communication

**COBHAM**

### 2008 Data Sheet

The most important thing we build is trust

#### CI 108 VHF Communication

Designed for high-performance aircraft applications. Suitable for either top or bottom mounting. Solid Polyurethane construction for strength, reliability and durability. White polyurethane finish is Skydrol and rain erosion resistant. The CI 108 Series has been re-tested and up-graded to the RTCA DO-160D environmental requirements with DO-186A MOPS.

Optional leading edge protection - CI 108-L.

#### 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

118 - 137 MHz

#### Specifications

##### Electrical

Frequency	118-137MHz
VSWR	2.5:1 Maximum
Polarization	Vertical
Radiation Pattern	Omnidirectional
Impedance RF	50 Ohms
Power RF	25 Watts

##### Mechanical

Weight	2.5 lbs Max.
Height	12.0 inches Max.
Material	High Density Polyurethane
Finish	Polyurethane Enamel
Connector	BNC (female)

##### Environmental

Temperature	-55 to +85 Celcius
Altitude	50,000 ft.
Airspeed	600 KTAS @ 35,000 ft

##### Federal Specifications

FAA TSO	C37d, C38d
RTCA MOPS	DO-186a
RTCA Environmental	DO-160D

##### Gasket

C10810	Cork Neoprene - Standard
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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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