

# 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 upgraded 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



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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