

# Comant CI 108-1 Series

VHF Comm - Extended Band

**COBHAM**

2008 Data Sheet

The most important thing we build is trust

## CI 108-1 Series VHF Comm

Designed for world-wide service where VHF communication is available over a wider band. 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 108-1 Series has been re-tested and upgraded to the RTCA DO-160D environmental requirements.

Optional leading edge protection - CI 108-1-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 - 153 Mhz

## Specifications

### Electrical

Frequency	118-153 MHz
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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