

Comant CI 109 Series

VHF Communication

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI 109 Series VHF Communication

Exhibits excellent electrical characteristics and incorporates an aerodynamically shaped mounting base and radiator housing that matches the styling of the communication antennas used on the 1968-72 single engine Cessnas. The CI 109 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-186a MOPS.

Applications

Single engine piston aircraft for applications of this antenna design. Some light helicopters. 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	0.6 lbs Max.
Height	18 9/16 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

Gasket

B12607-3	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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