

Comant CI 109 Series

VHF Communication

COBHAM

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-186 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 MHz

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 Celsius

Altitude 50,000 ft.

Federal Specifications

FAA TSO C37d, C38d

RTCA Environmental DO-160D

Gasket

B12607-3 Cork Neoprene - Standard



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

Order at:

Tel: 714-870-2420 Fax: 714-870-6294

Email: comantorders@cobham.com