

Comant CI 119

VHF Communications

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI 119 VHF Communications

Designed for large single or twin-engine aircraft. The antenna assembly enclosed in an aerodynamically shaped, injection molded polyester glass shell with internal components foamed in place for mechanical integrity. Reduced height convenient for mounting to the underside of an aircraft. The CI 119 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 and twin engine piston aircraft for applications of this antenna design. Consult your FBO or installation shop for best application information.

Frequencies Covered

118 - 137 Mhz

Specifications

Electrical

Frequency 118-137

VSWR 2.9:1 Maximum

Polarization Vertical

Radiation Pattern Omnidirectional

Impedance RF 50 Ohms

Power RF 25 Watts

Mechanical

Weight 1.25 lbs Max.

Height 12.90 inches Max.

Material Valox 420

Finish Polyurethane Enamel

Connector BNC (female)

Environmental

Temperature -55 to +85 Celcius

Altitude 35,000 ft.

Airspeed 350 KTAS @ 25,000 ft.

Federal Specifications

FAA TSO C37d, C38d

RTCA Environmental DO-160D

Gasket

B12704 Cork Neoprene



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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