

Comant CI 122

VHF Communication

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI 122 VHF Communication

Designed specifically for mounting to the underside of an aircraft providing excellent radiation coverage for air-to-ground VHF communications. Bent configuration makes it ideally suited for helicopters and low wing aircraft.

The CI 122 has been re-tested and upgraded to the new RTCA DO-160D environmental requirements and offers 118 to 137 MHz frequency associated with the DO-186A MOPS.

Applications

Single 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	3.0:1 Maximum
Polarization	Vertical
Radiation Pattern	Omnidirectional
Impedance RF	50 Ohms
Power RF	50 Watts

Mechanical

Weight	0.75 lbs Max.
Height	18.50 inches Max.
Material	Cast Housing / Stainless Steel
Finish	Polyurethane Enamel
Connector	BNC (female)

Environmental

Temperature	-55 to +85 Celcius
Altitude	50,000 ft.
Airspeed	350 KTAS

Federal Specifications

FAA TSO	C37d, C38d
RTCA Environmental	DO-160D

Gasket

B12607-3	Cork Neoprene
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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:

Cobham SATCOM Airborne Systems
577 Burning Tree Road
Fullerton, California 92833 USA
Tel: (01) 714-870-2420
Fax: (01) 714-870-5133
Email: comant@cobham.com