

Comant CI 310-22

Radiophone

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI 310-22 Radiophone

L Band / UHF blade antenna designed for high performance aircraft. Low profile, light weight antenna and is packaged in a molded body with metal mounting base to ensure stable environmental performance and resistance to vibration, rain erosion and cleaning solvents. Features vertical/omnidirectional pattern, wide band/high efficiency electrical performance and DC grounding for lightning protection.

Applications

Most aircraft up to and including business jets. Consult your FBO or installation shop for best application information.

Frequencies Covered

806-960 & 1030-1090 MHz

Specifications

Electrical

Frequency	806-960 MHz 1030-1090 MHz
VSWR	1.75:1 @ 806 to 960 MHz 1.5:1 @ 1030 to 1090 MHz
Polarization	Vertical
Radiation Pattern	Equivalent 1/4 Wave Stub
Impedance	50 Ohms
RF Power	100 Watts Average

Mechanical

Weight	0.32 lb
Height	3.25 inches
Material	High Density Polyurethane
Finish	White Polyurethane Enamel
Connector	TNC

Environmental

Airspeed	600 Kts TAS @ 25,000 ft.
Temperature	-55 to 70 C
Altitude	50,000 ft

Federal Specifications

FAA TSO	C74c, Class 1A
Environmental RTCA	DO-160C



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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