

Comant CI 158C-2

VAR/LOC/GS

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI 158C-2 VAR/LOC/GS

"V" Dipole VOR/LOC/GS antenna with detachable elements mounts on top of vertical stabilizer for most single engine general aviation aircraft. RF design similar to the CI 157P. Integral ferrite balun provides for higher radiation efficiency. Detachable elements result in a significantly smaller shipping and storage carton than fixed element versions.

Not approved for helicopter installations.

Applications

Single engine piston aircraft for applications of this antenna design. Consult your FBO or installation shop for best application information.

Not approved for helicopter installations.

Frequencies Covered

108-118 MHz (VOR/LOC), 329-335 MHz (GS)

Specifications

Electrical

Frequency	108-118 MHz (VOR/LOC) 329-335 MHz (GS)
VSWR	3.0:1 Max. 108-118 MHz (VOR/LOC) 3.0:1 Max. 329-335 MHz (GS)
Polarization	Horizontal
Radiation Pattern	Dipole
Impedance RF	50 Ohms Nominal
Power RF	Receive Only

Mechanical

Weight	0.35 lbs. Maximum
Height	17 5/8 inches Maximum
Finish	Black housing / Stainless steel whips
Connector	BNC

Environmental

Temperature	-55 C to +85 C
Altitude	50,000 ft
Airspeed	250 Knots TAS @ 25,000 ft.

Federal Specifications

FAA TSO	C34e, C36e, C40c
RTCA MOPS	DO-192, DO-195, DO-196
RTCA Environmental	DO-160



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