

Comant CI 159C

VAR/LOC/GS

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI 159C 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. Integral ferrite balun provides for higher radiation efficiency.

Detachable elements result in a significantly smaller shipping and storage carton than fixed element versions. Fiberglass whips with 2-hole mounting configuration.

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 |
| Material | Delrin Housing / Polyester glass laminate over stainless steel radiators |
| 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:

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