

# Comant CI 158C-3

VAR/LOC/GS

**COBHAM**

2008 Data Sheet

The most important thing we build is trust

## CI 158C-3 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.

Fiberglass whips with 4-hole mounting configuration found on many Beech aircraft.

## 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	16.70 inches Maximum
Material	Delrin Housing / Polyester glass laminate over stainless steel radiators
Finish	Black housing / Fiberglass 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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