Comant CI 259E

VOR/LOC/GS

2008 Data Sheet

The most important thing we build is trust

CI 259E VOR/LOC/GS

"V" dipole VOR/LOC/GS antenna with fixed elements for helicopter aircraft. Features an integral ferrite balun and fixed element construction. Mechanically designed to withstand the sever low frequency vibration environment experienced by typical helicopter installations.

Approved for use on helicopters.

Applications

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

Approved for light 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	16.0 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:

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