

# Comant CI 271

## Radiophone

**COBHAM**

### 2008 Data Sheet

The most important thing we build is trust

#### CI 271 Radiophone

Identical to CI 271 except its electrical performance is specified over the frequency range of 403-512 MHz in various band segments with VSWR limits shown. Stub antenna designed to withstand the harsh environments associated with the underside of an aircraft. Antenna radiator is mechanically captivated and is sealed against leakage. All exposed metal surfaces are nickel-plated for corrosion resistance and long service. CI 273 mounts through a single 0.600" hole. BNC connector is standard.

#### 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

403-512 MHz

#### Specifications

##### Electrical

Frequency	403-512 MHz
VSWR	3.0:1 @ 403 to 512 MHz 3.0:1 @ 403 to 430 MHz 2.0:1 @ 403 to 470 MHz 3.0:1 @ 470 to 512 MHz
Polarization	Vertical
Radiation Pattern	Equivalent to 1/4 wave Stub
Impedance	50 Ohms
RF Power	50 Watts Average

##### Mechanical

Weight	0.18 lbs
Height	7.0 inches Maximum
Material	Nickel plated brass
Finish	Tin-nickel alloy
Connector	BNC (female)

##### Environmental

Airspeed	250 Knots TAS at 25,000 ft.
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##### Federal Specifications

FAA TSO	N/A
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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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