

# Comant CI 310-20

## Radiophone

**COBHAM**

### 2008 Data Sheet

The most important thing we build is trust

#### CI 310-20 Radiophone

L Band / UHF blade antenna designed for high performance aircraft. Low profile, light weight antenna and is packaged in a molded body with metal mounting base to ensure stable environmental performance and resistance to vibration, rain erosion and cleaning solvents. Features vertical/omnidirectional pattern, wide band/high efficiency electrical performance and DC grounding for lightning protection.

#### Applications

Most aircraft up to and including business jets. Consult your FBO or installation shop for best application information.

#### Frequencies Covered

806-960 & 1030-1090 MHz

#### Specifications

##### Electrical

|                   |   |
|-------------------|---|
| Frequency         | 806-960 MHz & 1030-1090 MHz                         |
| VSWR              | 1.75:1 @ 806 to 960 MHz<br>1.5:1 @ 1030 to 1090 MHz |
| Polarization      | Vertical  |
| Radiation Pattern | Equivalent 1/4 Wave Stub                            |
| Impedance         | 50 Ohms   |
| RF Power          | 100 Watts Average                                   |

##### Mechanical

|           |                           |
|-----------|---------------------------|
| Weight    | 0.32 lb                   |
| Height    | 3.25 inches               |
| Material  | High Density Polyurethane |
| Finish    | White Polyurethane Enamel |
| Connector | BNC                       |

##### Environmental

|             |                          |
|-------------|--------------------------|
| Airspeed    | 600 Kts TAS @ 25,000 ft. |
| Temperature | -55 to 70 C              |
| Altitude    | 50,000 ft                |

##### Federal Specifications

|                    |                |
|--------------------|----------------|
| FAA TSO            | C74c, Class 1A |
| Environmental RTCA | DO-160C        |



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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