

# Comant CI 138

## VHF COMMUNICATION

### CI 138 ANTENNA

Comant's four-internal-hole-mount style blade VHF communication antenna with offset BNC port. Equivalent to the CI 119 except for the mounting hole pattern and BNC connector location. Suitable for either top or bottom mounting with both light and heavy fixed-wing single-engine / multi-engine and helicopter aircraft.

### APPLICATIONS

Light Fixed-Wing Single-Engine  
Light Fixed-Wing Multi-Engine  
Heavy Fixed-Wing Single-Engine  
Heavy Fixed-Wing Multi-Engine  
Helicopter

Warranty: 1 year

Always consult your installation shop for best application. See full disclaimer (Page 7) for more information.

### FREQUENCIES COVERED

118 - 137 MHz (VHF - Comm)

### SPECIFICATIONS

#### Electrical

|                   |                 |
|-------------------|-----------------|
| Frequency         | 118-137 MHz     |
| VSWR              | 2.9:1 Max       |
| Polarization      | Vertical        |
| Radiation Pattern | Omnidirectional |
| Impedance RF      | 50 Ohms         |
| Power RF          | 25 watts        |

#### Mechanical

|           |                       |
|-----------|-----------------------|
| Weight    | 1.25 lbs.             |
| Height    | 13.00 in.             |
| Material  | Valox 420             |
| Finish    | Glossy White          |
| Connector | BNC (female) - Offset |

#### Environmental

|             |              |
|-------------|--------------|
| Temperature | -55C to +85C |
| Altitude    | 50,000 ft.   |

#### Federal Specifications

|                    |            |
|--------------------|------------|
| FAA TSO            | C37d, C38d |
| RTCA Environmental | DO-160D    |

#### Gasket

|        |               |
|--------|---------------|
| C13804 | Cork Neoprene |
|--------|---------------|

