

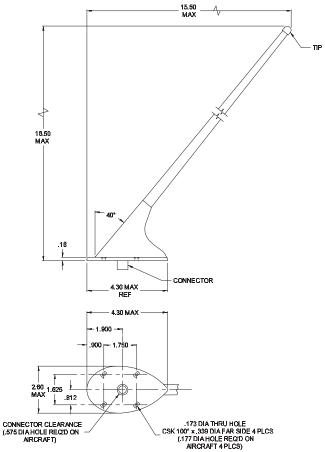
VHF Communications • CI 121

Frequency • 118-137 MHz

Similar to the CI 109, the CI 121 is smaller in diameter and lighter at only 0.5 pounds. Features a tapered glass laminate housing and die-cast aluminum base. Offers standard mounting and appearance to many Cessna communication antennas. The CI 121 has been re-tested and upgraded to the new RTCA DO-160D environmental requirements and offers the 118 to 137 MHz frequency associated with DO-186A MOPS.



| MODEL | CI 121 VHF Antenna |
|------------------------|---|
| Electrical | |
| Frequency | 118 - 137 MHz |
| VSWR | 2.5:1 Maximum |
| Polarization | Vertical |
| Radiation Pattern | Omnidirectional |
| Impedance | 50 Ohms |
| Power | 50 Watts |
| Mechanical | |
| Weight | 0.5 lbs. Maximum |
| Height | 18.50 in. Maximum |
| Material | Cast housing / Fiberglass whip |
| Finish | Polyurethane Enamel |
| Connector | BNC (female) |
| Environmental | |
| Temperature | -55°C to +85°C |
| Altitude | 50,000 ft |
| Air Speed | 250 Knots TAS |
| Federal Specifications | |
| RTCA Environmental | DO-160D |
| Environmental Category | [D2X]ACB[R(C,C1)U(F,F1)] XWFDXSXXXXX[XX]X[XXXX]XAX |
| FAA TSO | C37d, C38d |
| RTCA MOPS | DO-186A |
| ORDER OPTIONS | |
| Connector | |
| BNC | Standard |
| Color | |
| White | Standard |
| Gasket | |
| | C12607-3 Cork Neoprene |



Warning: Drawing not to scale. Use factory supplied drawings and specifications for installation. Call Comant for updated drawings. ©2004 Comant Industries Inc. Patented. Other Patents Pending