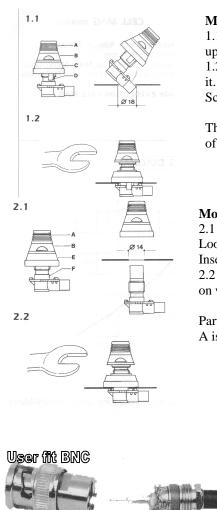


Metal Whip Antenna

MM050 - Metal Whip antenna for all aircraft and composite aircraft

Read instructions in full before fit.



Mounting from outside the aircraft.

1.1 Drill an 18mm hole. De-bur it. Loosen part 'B'. Push it upwards together with part 'C' and hold tightly.1.2 Insert the base into the mounting hole and decentralize it. Insert the plastic fish plates 'D' of part 'C' into the hole. Screw on part 'B' with a 20mm open ended wrench.

The ring nut 'B' is tightened correctly when the upper edge of part A is at the same height as the inner thread bolt.

Mounting from inside the aircraft.

2.1 Drill 14mm hole, debur it and protect from corrosion. Loosen part 'B' and use the item 'E'.Insert from below part 'F' into the hole up to the stop.2.2 Push part 'A', 'B' and 'E' from above and screw them on with a 20mm open-ended wrench.

Part 'B' is tightened correctly, when the upper edge of part A is at the same height as the inner thread bolt.

- 1. Cut the cable so no spare cable is coiled up.
- 2. Trim the co-ax and fit the BNC connector as per the picture.
- 3. Push the brass pin onto the centre core and solder.
- 4. Tighten the BNC adapter using a spanner.

Notes, Take care when fitting the connector. The braiding must not touch the centre core.

Foil Tape—If you are mounting the antenna onto a NON metallic surface then you MUST use the enclosed foil tape .

After drilling the hole for the antenna as detailed above. Stick the foil in a '+' shape on the inside of the aircraft with each piece of foil tape covering the antenna hole.

Cabling—Run the cable to the radio. Avoid running the co-ax cable parallel with power cables, strobe, GPS or transponder cables. Fasten the cable every 75mm to the aircraft with cable ties.

Cut any spare cable to length and fit BNC plug provided. Solder the screen of the co-ax to the plug housing. Take great care when fitting the plug. A poor quality joint will decrease the antennas performance and may damage the radio.