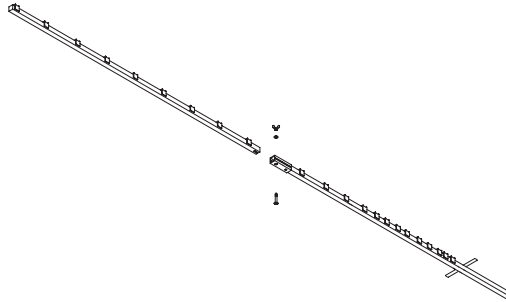


02MM-DG91
91 Element UHF Antenna Installation Instructions

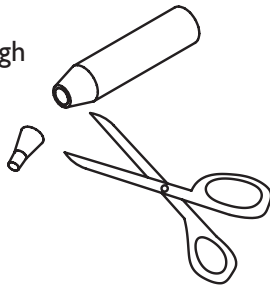
Step 1

Assemble 2 halves of boom together. See diagram.



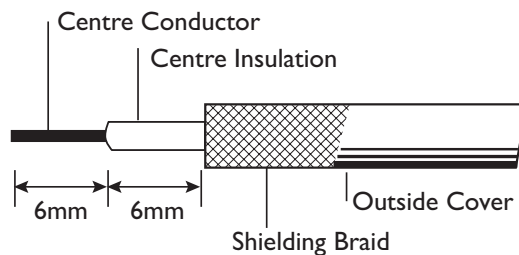
Step 2

Cut rubber boot seal as in diagram. Feed cable through boot seal.



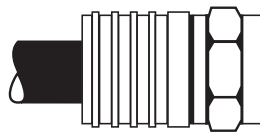
Step 3

Strip coax cable as shown in diagram. Fold shielding braid back over cable jacket.



Step 4

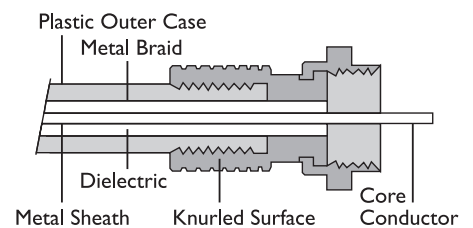
Select connector provided. (Suitable for RG6 or semi airspaced cable) Place "F" connector on back to front and twist to ensure that all braid is flat. See diagram. (For other cable types you will need to purchase the corresponding connector)



Step 5

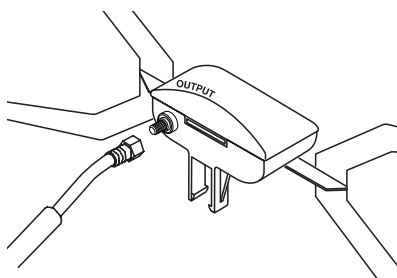
Then insert cable into rear of connector and twist connector clockwise until dielectric is flush with the bottom nut as in diagram.

Ensure that 2-3mm of centre core conductor protrudes past the nut.



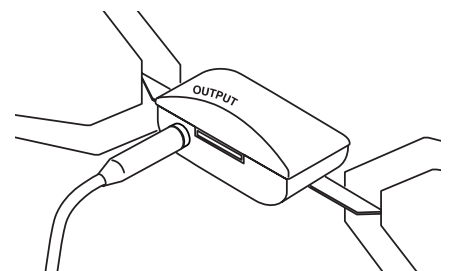
Step 6

Select the UHF balun, then connect the cable you have just prepared to the connector on the balun marked "OUTPUT".



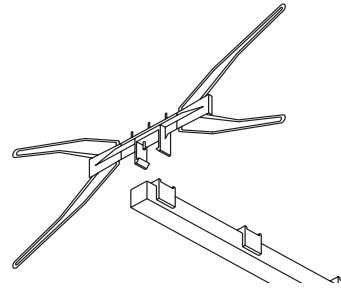
Step 7

Then slide rubber boot seals into position as per diagram.



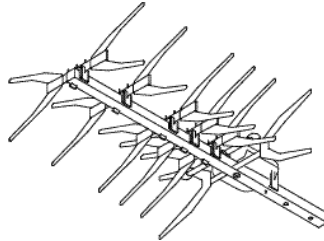
Step 8

Select boom and clip the X type elements onto 'U' shaped plastic insulators on the boom ensuring the clips fit securely onto insulator on boom.



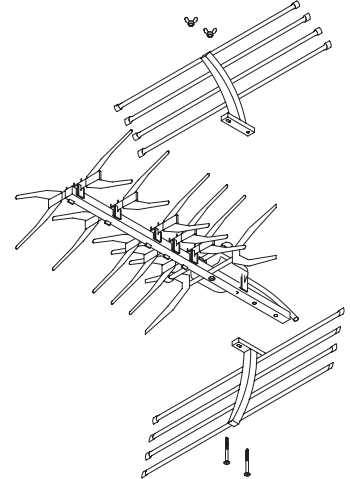
Step 9

Then attach the Dipole as per diagram ensuring that the X dipole is positioned towards the front of the Antenna.



Step 10

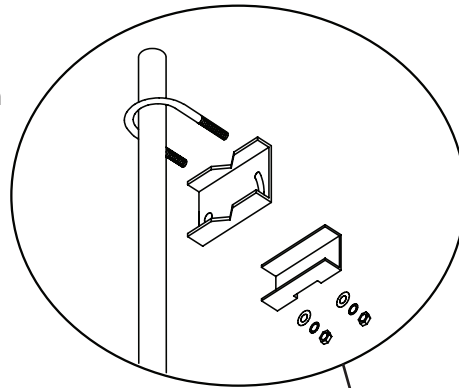
Then attach corner reflector using the two screws and wing nuts provided as per diagram.



Step 11

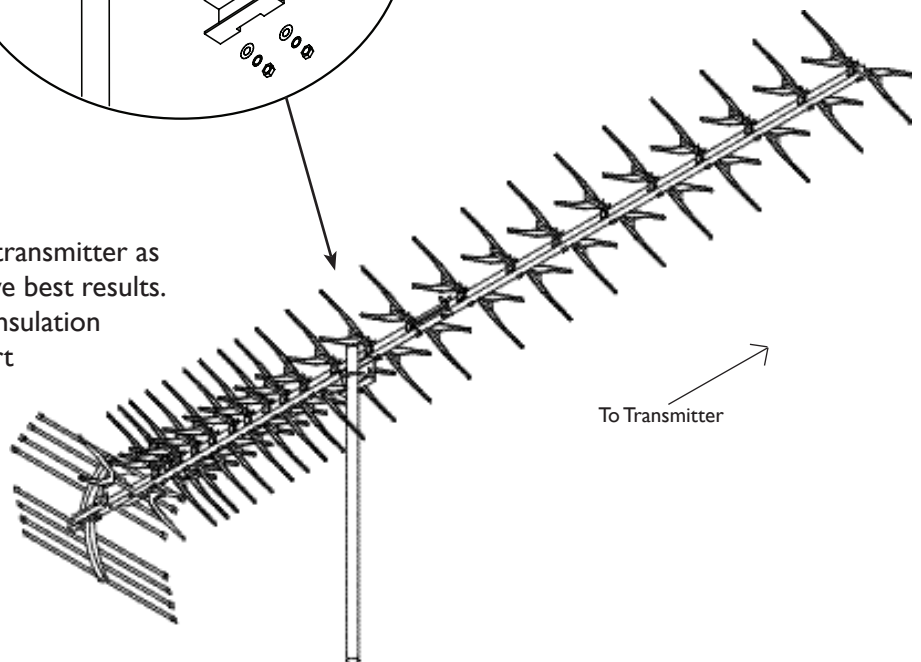
Assemble tilt bracket to boom in centre position.

See diagram.



Step 12

Attach antenna to mast and point to transmitter as per diagram. Rotate antenna to achieve best results. Attach cable to mast with UV grade insulation tape or UV grade cable ties to support cable weight and avoid damage to connection from wind whipping cable from side to side.



Step 13

For digital compatibility terminate cable into suitable "F" type splitter such as 07MM-GM02 or 07MM-GM04 or "F" outlet plates such as 05MM-COFI.

NB RG6 cable alfoil albraid is ideal for digital reception.

N.B.2 If close to transmitter use 07MM-FQ02 Quad shield flylead to avoid interference.