

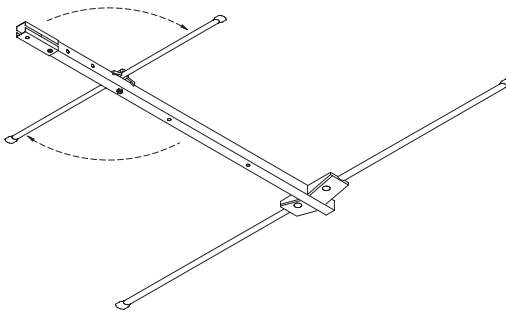
01MM-DG27

L4052

UHF/VHF Ch (6-12) (21-46) HD Compliant Antenna Installation Instructions

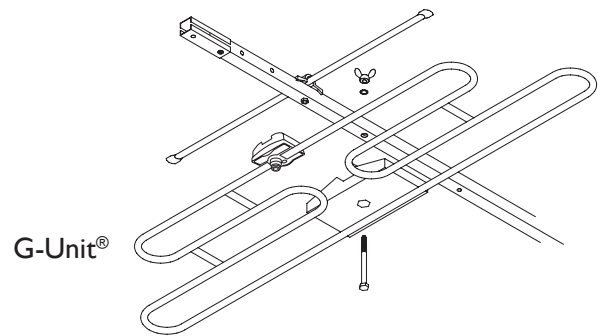
Step 1

Open small VHF element to 90° to boom till plastic insulator snaps into position. See diagram.



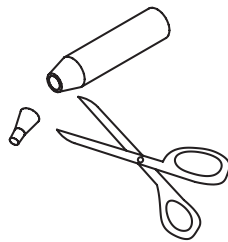
Step 2

Attach double folded dipole ('G' Unit®) to boom using the washers and wing nut. Ensure short element is on the top of the boom and the 'G' Unit® is attached to the bottom of the boom. See diagram.



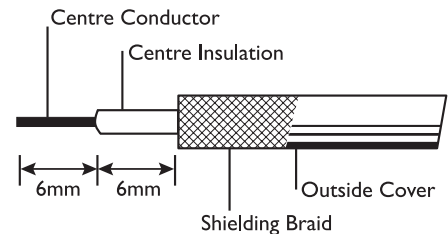
Step 3

Cut the rubber boot seal provided as in diagram.



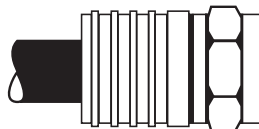
Step 4

Strip coax cable as shown in diagram and feed through rubber boot seal.



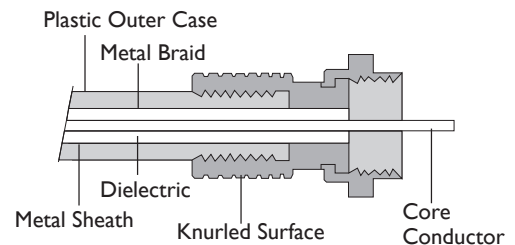
Step 5

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)



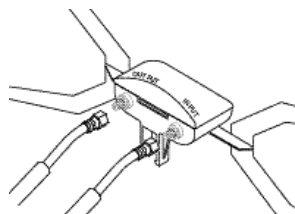
Step 6

Then insert cable into rear of connector and twist connector clockwise until dielectric is flush with the bottom nut as in Fig 6. Ensure that 2-3mm of centre core conductor protrudes past the nut.



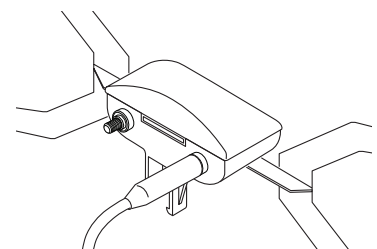
Step 7

Select the UHF dipole then connect the cable you have just prepared to the connector on the balun marked "OUTPUT". Then take the short cable with two connectors already attached and connect one end to the connector marked "INPUT".



Step 8

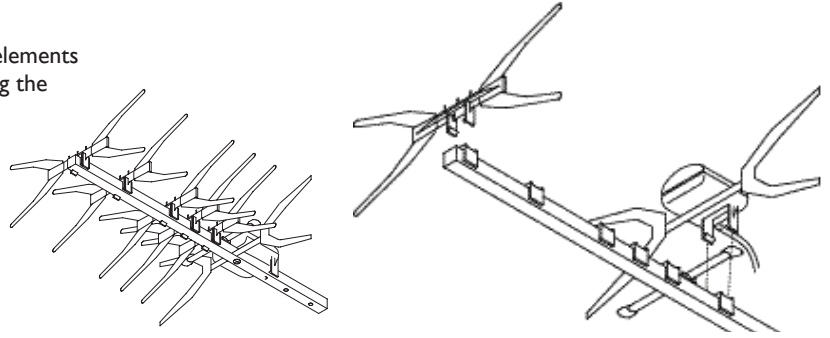
Then slide rubber boot seals into position as per diagram.



Step 9

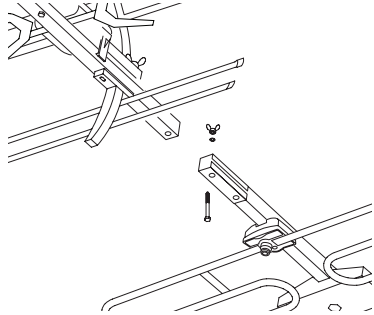
Select UHF boom pictured below and clip the X type elements onto 'U' shaped plastic insulators on the boom ensuring the clips fit securely onto insulator on boom.

Then attach the UHF Dipole ensuring that the X dipole is positioned towards the front of the Antenna. See diagrams.



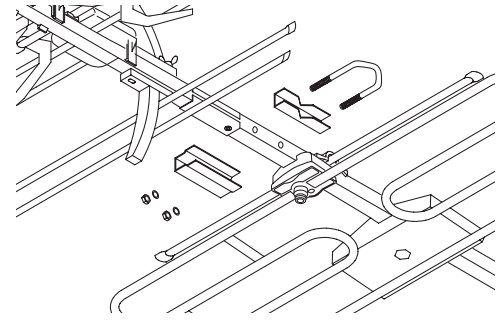
Step 10

Assemble UHF Boom to VHF boom as per diagram using 5mm screw and wing nut provided.



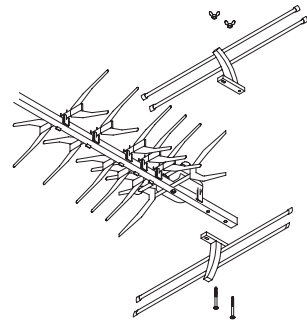
Step 11

Attach U bolt and mast clamp as per diagram. Then attach the other end of the short cable to the balun on the VHF dipole. Attach the short cable and the antenna downlead to the boom using the cable tie provided. This is to ensure cable does not move in the wind.



Step 12

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



Step 13

Attach antenna to mast and point to transmitter as per diagram. Rotate antenna to achieve best results. Attach cable to cable tie near u-bolt and 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.

When using the antenna in Canberra, Condobolin, Taree, Bundaberg, Shepparton and where UHF is horizontally polarised and VHF is vertically polarised, turn VHF section so the elements are vertical.

You will then need to use a stand off boom mount (11MM-SM1-15) NOT INCLUDED to attach antenna to mast. Attach the SM1-15 to the mast, then attach the antenna to the SM1-15.

