



by



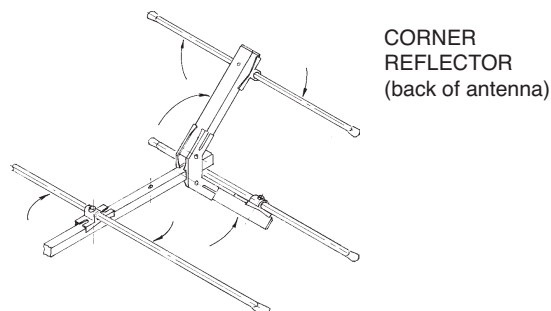
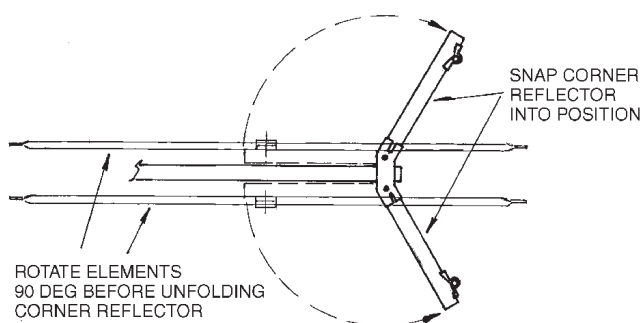
## 03MM-DR3010

### Digimatch® VHF Ch.(6-12) 10 Element Antenna Installation Instructions

#### Step 1 & 2

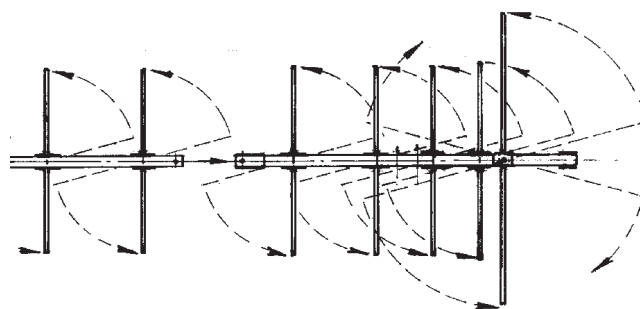
Swivel elements on corner reflector 90 degrees from packed position till they 'snap lock'.

Then rotate corner reflector booms, (situated on both sides of the main boom), until they snap lock into position as in diagram.



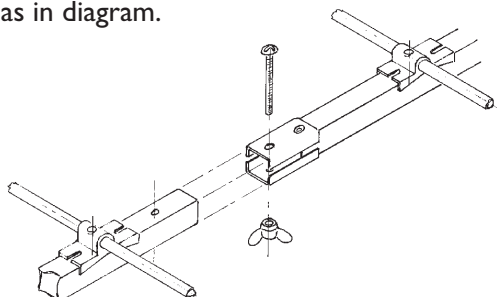
#### Step 3

Rotate all other elements on both booms to 90 degrees, ensuring elements 'snap lock' into position, as in diagram.



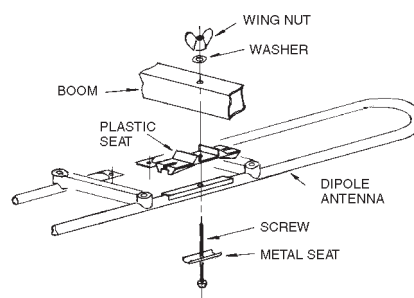
#### Step 4

Place two sections of antenna together as in diagram.



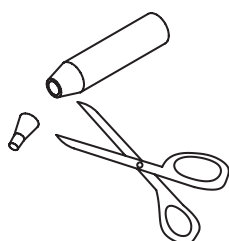
#### Step 5

Take folded dipole and insert screw through hole provided, enter from the underside of boom as in diagram.



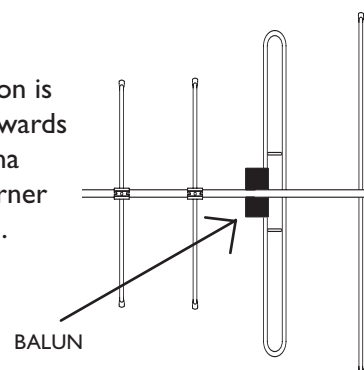
#### Step 6

Cut the rubber boot seal provided as in diagram.



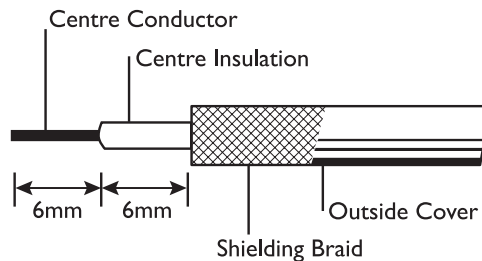
#### Step 5a

Ensure balun connection is positioned pointing towards the front of the antenna furthest away from corner reflector as in diagram.



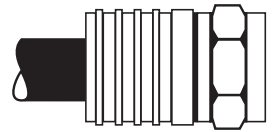
### Step 7

Strip coax cable as in diagram.



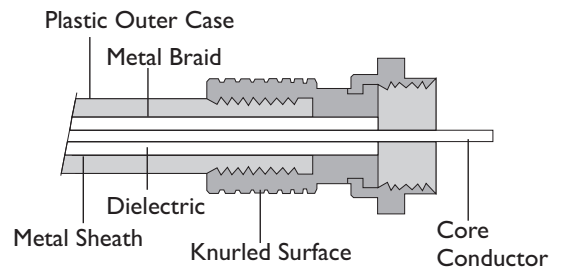
### Step 8

Select twist on connector (included). (Suitable for RG6 or semi airspaced cable only). 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) (Crimp type connectors sold separately)



### Step 9

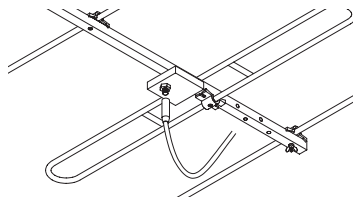
Then insert cable into rear of connector and twist connector clockwise until dielectric is flush with the bottom nut as illustrated. Ensure that 2-3mm of centre core conductor protrudes past the nut and that the braid makes contact with the inner body of the connector.



### Step 10

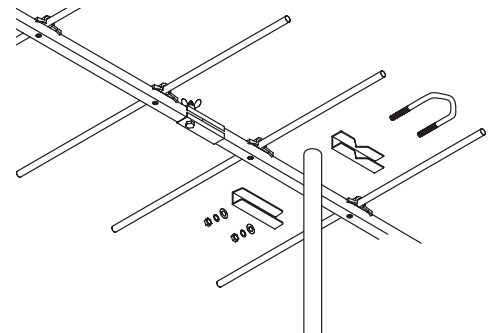
Connect antenna downlead cable to 'F' connector on the balun marked "OUTPUT", tighten with fingers. **WARNING OVER TIGHTENING OF CONNECTOR MAY DAMAGE CIRCUIT BOARD.**

Slide boot seal over connector for protection.



### Step 11

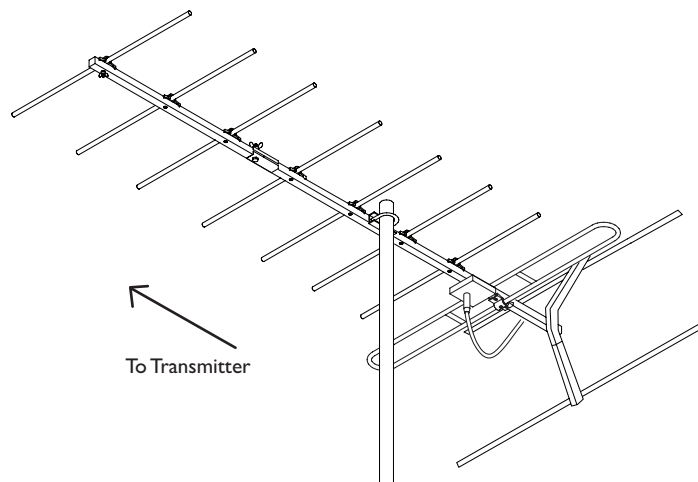
Attach "U" bolt and mast clamp as in diagram.



### Step 12

Attach antenna to mast and point to transmitter as illustrated.

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 splitters such as 07MM-GM02 or 07MM-GM04 or "F" outlet plates such as 05MM-WP01 or 05MM-WP11.

**NB** RG6 cable with aluminium foil and aluminium braid is ideal for digital reception.

**N.B.2** If close to transmitter use DA-FLY2M Quad shield flylead to avoid interference.