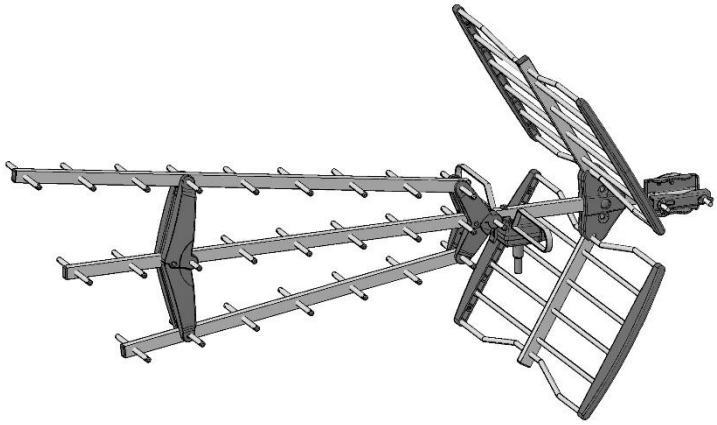
Instruction Manual TRI-BEAM48
27380 – 48 Element High Gain Tri-Beam Aerial

Kit Contents:

- Aerial
- Screws
- F Connector
- Weather Boot



You will need:

- Flat Head Screw Driver
- Suitable Spanner

Features:

- High performance compact Tri Beam aerial.
- Shorter aerial than similar aerials for lofts or areas with limited space.
- Optimised design for LTE rejection.
- Partially pre-assembled for ease of installation.
- Male F connection with weather boot and F female connector.
- Very flat frequency response over all operating bandwidths.
- Supplied with weather resistant clamp, suitable for horizontal or vertical polarization.

1. Assemble the aerial

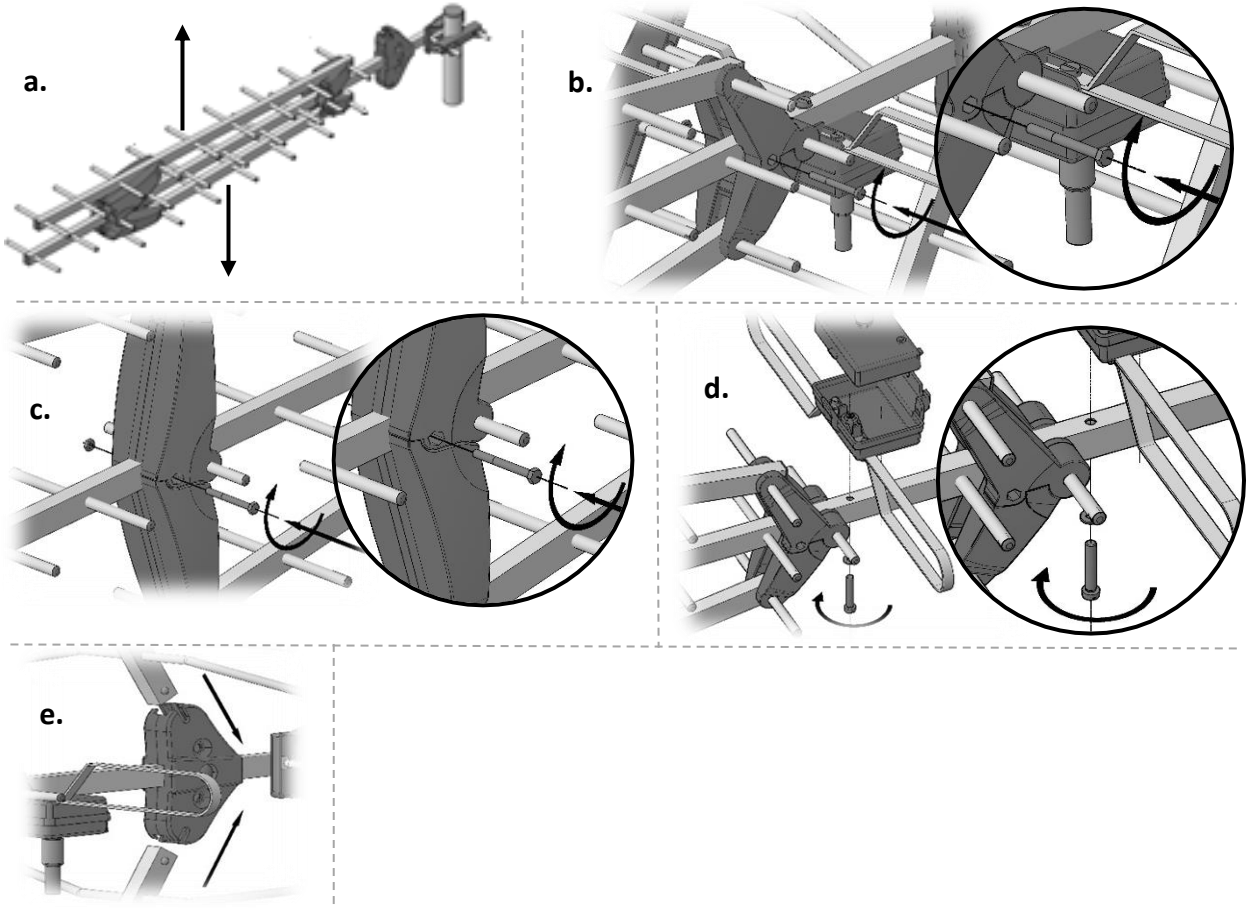
a. Expand the 3 aerial booms.

b. Remove the screw on the back of the aerial (where the 3 booms are secured) and push the plastic spacers together so the holes match up. Insert the screw through the hole on the plastic spacer and screw in using a flat head screw driver. This will hold the plastic spacers in place.

c. Repeat step **b.** with the plastic spacer joining the booms together in the middle of the booms.

d. Assemble the dipole on the single boom at the rear end of the aerial. Remove the bolt and position the dipole into place. Then, replace bolt and tighten.

e. Push the reflector sections into the rear triangular plastic housing at the back of the aerial ensuring both spring buttons are located back through the hole.



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2. Position the aerial.

a. Put the mast clamp on the end of the aerial ensuring it is positioned correctly (vertical or horizontal) and clamp it onto the mast.

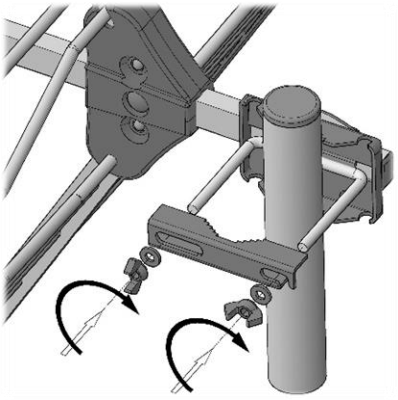
b. Mount the aerial vertically or horizontally dependent on your local transmitter and point the aerial towards it. (Take care to ensure correct alignment).

c. Prepare the cable end and fit the screw-on F connector provided with the aerial.

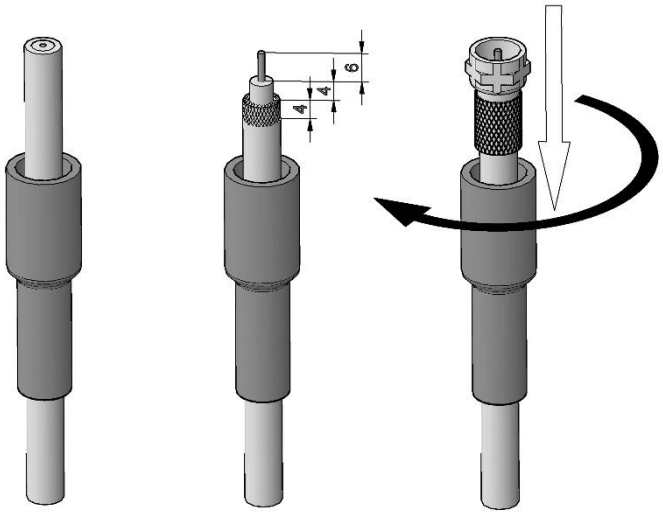
d. Push the weather boot over the cable, so it is behind the F connector.

e. Screw the F connector onto the connection and push the weather boot over the connection to prevent water ingress.

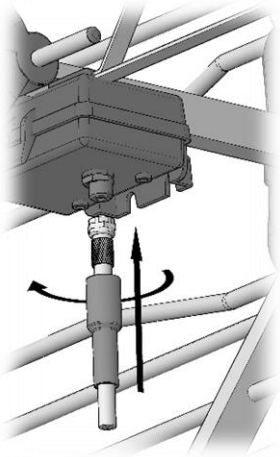
a.



b.



c.



	Unit	
Channel Bandwidth	MHz	470-790 (21-60 Channels)
No. of Elements		25
Impendence	Ω	75
Antenna Gain Max.	dBi	16
Front-to-back Ratio	dB	>16
Beam Width H/V	°	10/9
Size (Packed)	mm	1190