

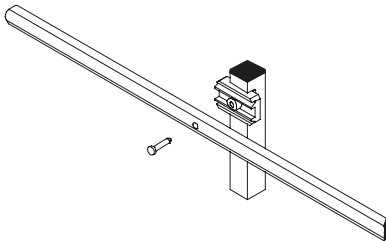
Assembly and fitting guide DMCWMini (Caravan)



1. Assemble aerial

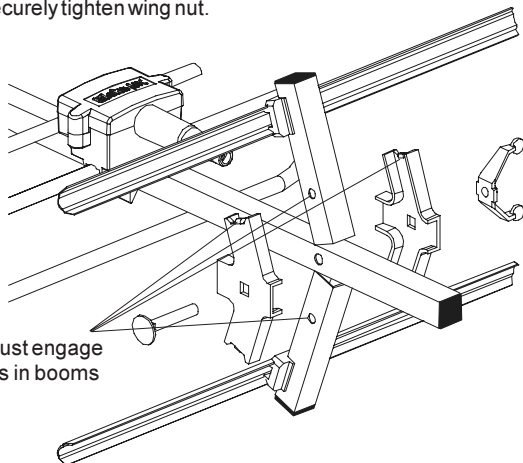
Assemble reflector parts

Assemble the two reflector sections. Ensure reflector elements are securely fastened but do not over-tighten screws.



Fit reflector sections to aerial boom

Loosen wing nut but do not remove. Insert both reflector sections as shown. Ensure locating lugs on clamps fit into mating holes in reflector booms. Securely tighten wing nut.

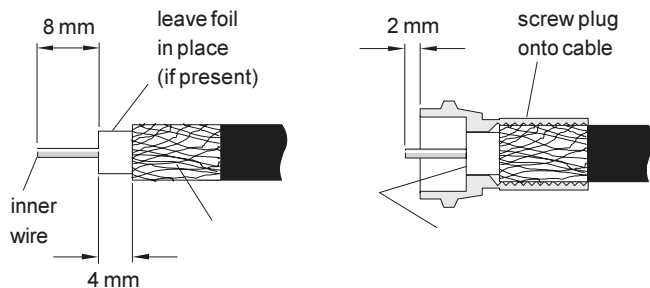


tabs must engage in holes in booms

2. Fit coaxial cable and screw-on 'F' plug

Push cable through the waterproofing sleeve before fitting plug. Prepare the cable end and fit screw-on 'F' plug as shown. (The inner wire of the cable should extend slightly beyond end of plug.) Offer plug up to the socket on the aerial housing and tighten gently (11 mm spanner).

Do not leave the plug finger-tight as this may lead to unreliable reception. Slide waterproofing sleeve into position over lip on the aerial housing.



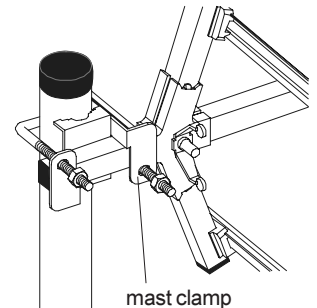
Kit contents

- 1 - Aerial boom with arrow plate.
- 1 - Mast clamp.
- 1 - Dipole and cap.
- 2 - Reflector boom assys.
- 2 - Reflector elements.
- 1 - Connector F-type
- 1 - Connector 'IEC'
- 10 m cable.

3. Assemble the aerial to a suitable mast

The diagram shows the aerial positioned for horizontal polarisation (see section 5). For vertical polarisation turn the aerial through 90° from the position shown.

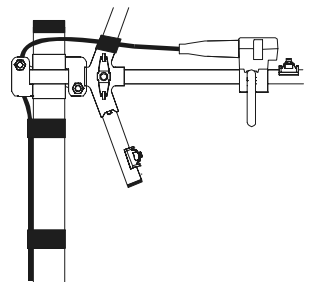
This aerial will provide good reception in many locations when mounted in a clear outdoor position. However reception in weaker signal areas may require the use of a higher gain aerial and/or a taller mast.



mast clamp

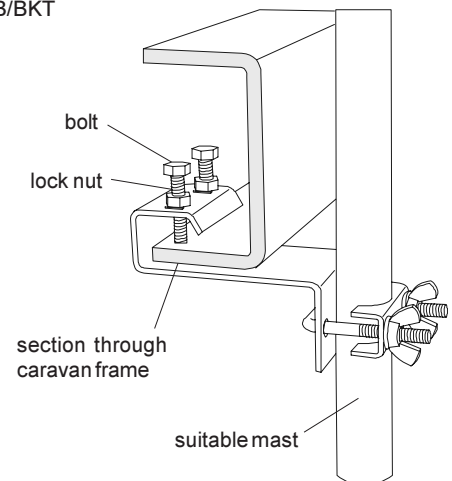
Cable route

Cable may be routed as shown and secured with pvc tape (not supplied).



4. Securing a mast (not supplied) to the caravan

A-frame option C/B/BKT
(not supplied)



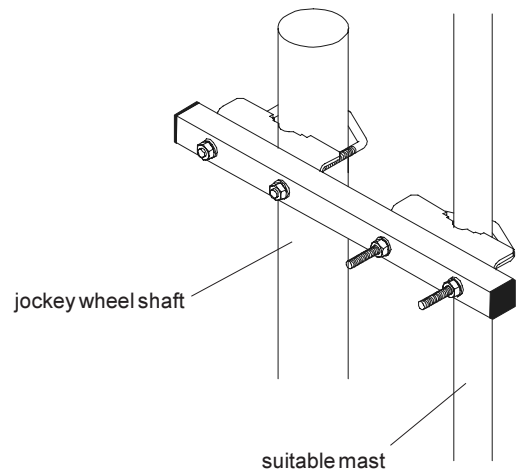
bolt

lock nut

section through caravan frame

suitable mast

Jockey wheel option C/B/BKT2
(not supplied)



jockey wheel shaft

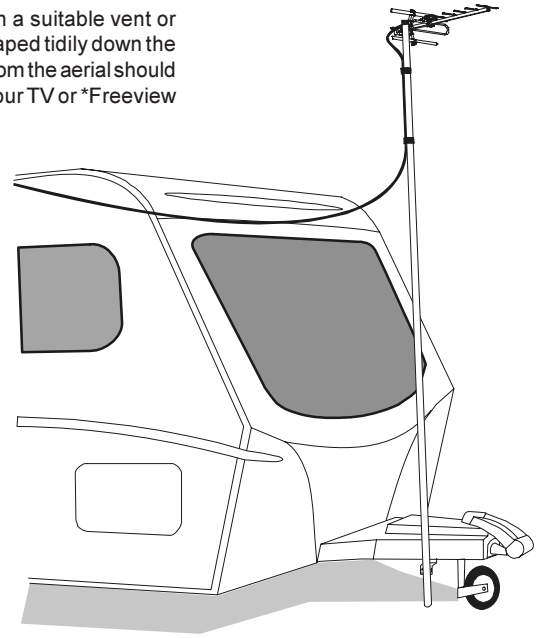
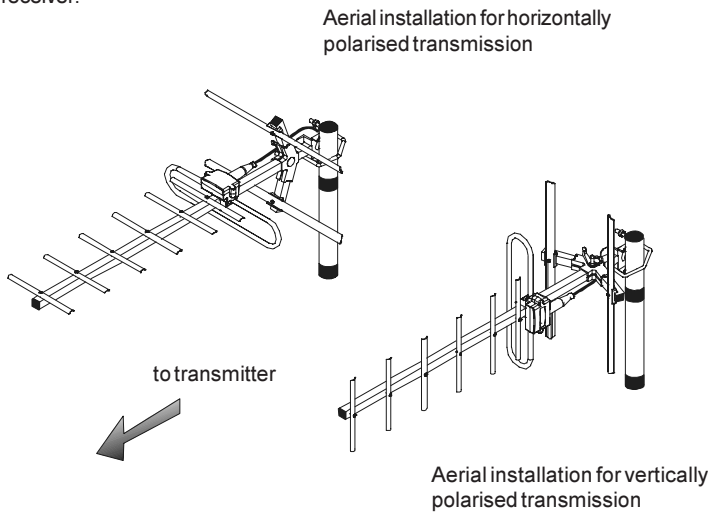
suitable mast

5. Completing the installation

Choose horizontal or vertical polarisation (see diagrams) to suit the local transmitter. Point the aerial towards the transmitter. If in doubt look at aerials on neighbouring caravans or buildings, or consult one of the sources of transmitter information (see below).

Fit the IEC coaxial plug supplied (see below) and run the cable into the caravan through a suitable vent or opening, avoiding sharp bends. The cable, which can be shortened if desired, should be taped tidily down the mast as shown using PVC insulating tape (not supplied). Leaving the cable to dangle freely from the aerial should be avoided since it may lead to broken connections or water ingress. Plug the cable into your TV or *Freeview receiver.

Aerial lead and downlead taped to mast above and below cable joint



6. Reception hints

For optimum reception position the caravan on high ground with a clear view toward the transmitter site, avoiding trees. Wherever possible arrange that the aerial has to point away from the caravan body to 'see' the transmitter. Adjust the aerial by slackening the wing nuts on the lower mast clamp and rotating the whole mast for best reception. If using a *Freeview receiver use its signal quality display as an indicator to determine the best aerial pointing direction. Remember to tighten all clamps and fixings once adjustment is complete.

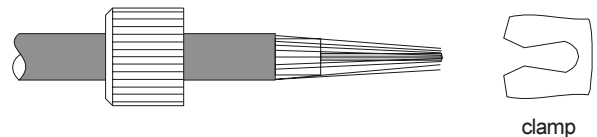
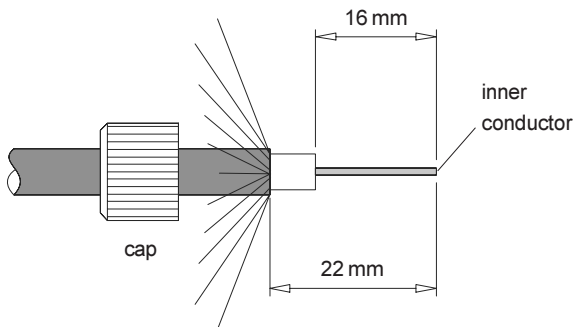
If you have moved the caravan from an area served by a different transmitter your TV set and/or *Freeview receiver will almost certainly need to be retuned (refer to their instruction manuals) and the polarization of the aerial may need to be changed. Refer to the reception advice services listed on below for transmitter details for your new area. Some areas are served by two or more transmitters and it may be necessary to experiment to find which one gives the best results.

* Freeview is a registered trademark of DTV Services P.L.C.

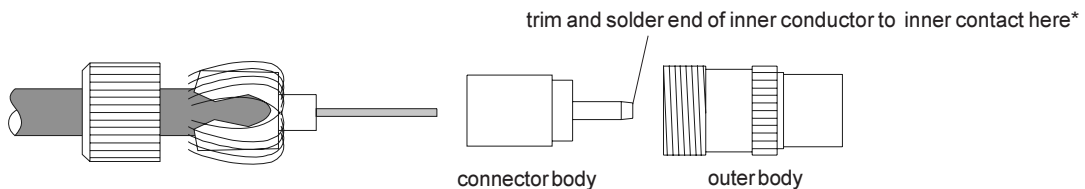
7. Fitting the coaxial plug

a) First place the cap over cable. Strip away cable outer sheath. Take great care not to cut through the braid wires. Strip away insulation to reveal inner conductor.

b) Bundle the braid wires together and slide clamp over cable.



c) Dress the braid wires evenly over clamp. Push cable and clamp into connector body. *Ideally the inner conductor should be soldered to the contact pin. Screw cap and outer body securely together. This completes fitting the plug.



Further advice may be downloaded from:
www.blake-uk.com/downloads on the following:

- reception problems
- distributing TV signals around the home
- general recommendations

Reception Advice Services
 BBC Reception Advice 08700 100123
 e-mail: reception@bbc.co.uk
 web: www.bbc.co.uk/reception
 Ofcom – TV reception and interference
<http://www.ofcom.org.uk/consumer advice/tv/reception>