TRU-SPEC™ UHF YAGI ANTENNAS
INSTALLATION INSTRUCTIONS

Hills Antenna & TV Systems

Notes:

1. Installation of this product may expose the installer to physical hazards such as working at heights above the ground, slippery roofs, overhead or adjacent electrical wires etc. Plan the installation in advance, taking all possible precautions and, if in doubt, contact a professional antenna installer.
2. For best results, mount the antenna outdoors, clear of any obstructions and in line of sight to the transmitter.
3. Tools required: 10mm spanner, 11mm spanner and a sharp knife.
4. Mounting pole diameter: 25mm – 38mm (1” – 1½”)

Instructions:

1) Unpack the antenna from its box and check that all items are included as per Figure 1.

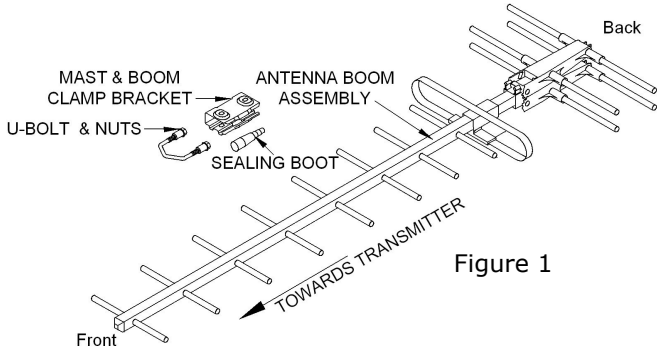


Figure 1

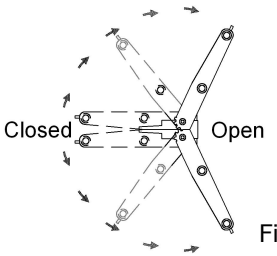


Figure 2

2) Rotate the reflectors as shown until they lock into place (Figure 2).

3) Install the clamp bracket and U-bolt to the pole and finger tighten the nuts. The bracket will grip the mast. Fit the antenna to the bracket by sliding the boom above the U-bolt. Ensure that the elements are aligned for the correct signal polarisation and, if horizontal polarisation, that the balun is on the underside of the boom.

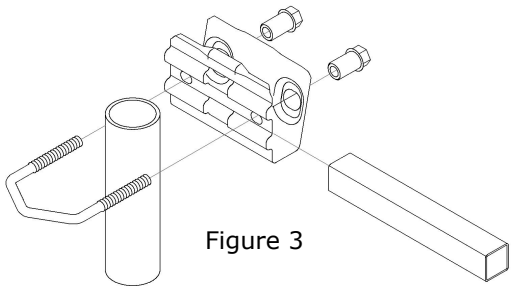
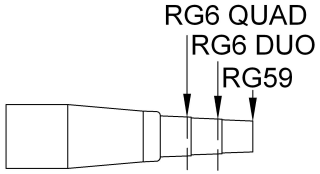


Figure 3

4) Trim the cable boot as shown in Figure 4. A neat trim will minimise water ingress. Slide the boot onto the cable and fit an F-type connector (not included), as per the manufacturer’s instructions.

Figure 4



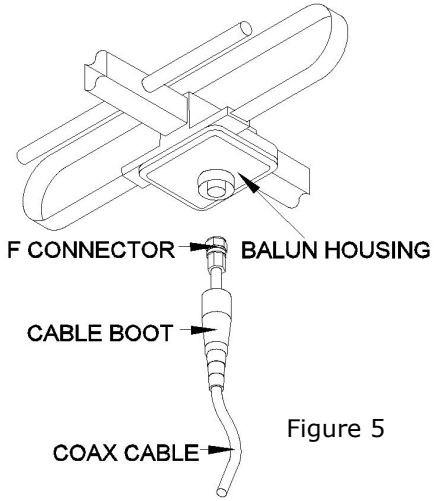


Figure 5

5) Screw the connector onto the balun, being careful not to over-tighten (recommended torque is 20 in-lbs). Slide the cable boot over the connector.

6) Aim the antenna towards the transmitter and tighten the nuts on the clamp bracket with a 10mm spanner. Tie the cable to the mounting pole, being careful to avoid sharp bends – refer to the manufacturer’s data for the minimum bending radius of the cable.

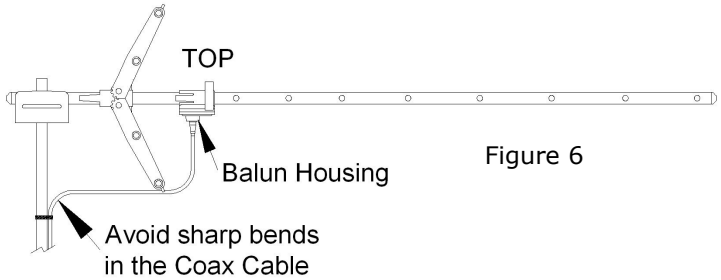


Figure 6

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Hills Antenna & TV Systems

WARRANTY TERMS

1. Hills Antenna & TV Systems provides consumers with the following warranty in relation to this Equipment, in addition to complying with the requirements of any relevant legislation, including the *Competition and Consumer Act 2010* (Cth).
2. In this warranty, we have used the following definitions:
   (a) **Hills Antenna & TV Systems**, **our** or **we** means Hills Antenna & TV Systems, a division of Hills Holdings Limited ABN 35 007 573 417 of 159 Port Road Hindmarsh South Australia 5007.
   (b) **Equipment** means the goods purchased by the consumer and referred to in these installation instructions.
   (c) **Material** means a material or component used by Hills Antenna & TV Systems in the manufacture of the Equipment.
   (d) **Warranty Period** means 12 months from the date of purchase of the Equipment. If the Equipment or part (as the case may be) is repaired or replaced, there will be no extension to the original warranty period.
   (e) **Workmanship** means the handling, assembly and manufacturing processes performed by or on behalf of Hills Antenna & TV Systems in order to manufacture the Equipment.
3. Hills Antenna & TV Systems warrants that for the duration of the Warranty Period, the Equipment will be free of faults arising from defects in Workmanship or Materials, on the terms and conditions set out in this warranty.
4. Hills Antenna & TV Systems undertakes that if during the Warranty Period, the Equipment, or any part of the Equipment, has failed to operate correctly due to faulty Workmanship or defective Material, it will repair or replace the Equipment or part (as the case may be) free of charge on the following terms:
   (a) The consumer must retain proof of purchase of the Equipment. Hills Antenna & TV Systems may reject a warranty claim on Equipment where the consumer is unable to substantiate proof of purchase to the reasonable satisfaction of Hills Antenna & TV Systems.
   (b) The consumer must contact the relevant Hills Antenna & TV Systems Branch Office (details listed below) or telephone 1800 720 000 upon becoming aware of a defect to any Equipment.
   (c) Following consultation with Hills Antenna & TV Systems, we will determine whether there is a defect, and if so we agree (at our option) to repair, replace or supply equivalent goods, or pay the cost of any of those remedies to the consumer.
   (d) The consumer will be responsible for the collection and freight costs of returning the Equipment to Hills Antenna & TV Systems or to any designated Hills Antenna & TV Systems Branch Office for repair or replacement (as determined by us).
   (e) Hills Antenna & TV Systems will be responsible for the freight costs to deliver any new or repaired Equipment to the consumer.
   (f) **Please note** that a service charge will apply if no fault is identified or if any fault does not fall within the conditions of this warranty. For details of the applicable service charge, please contact Hills Antenna & TV Systems prior to making a claim under this warranty.
5. The consumer's right to this warranty will cease to apply where:
   (a) The Equipment has not been used in accordance with the instructions provided in the installation instructions supplied with the Equipment, or in accordance with usual use for that type of equipment;
   (b) Alterations, modifications or repairs have been carried out on the Equipment
6. This warranty is in addition to any non-excludable legal rights or remedies conferred on the consumer under any applicable Act and any similar laws. To the extent permitted by law, Hills Antenna & TV Systems' liability for any non-excludable condition or warranty is limited to rectifying any defect at its option, as set out in paragraph 4(c).
7. Subject to the requirements of any applicable Act or legislation and to the extent permitted by law, no liability (whether expressed or implied) of any nature whatsoever, is accepted by Hills Antenna & TV Systems for any consequential loss, damage or injury arising as a result of any fault in the Equipment.
8. This warranty does not extend to damage to Equipment which occurs during transit or transportation, or which is caused by any abuse, accident or improper installation, connection, use, adjustment or repair of goods otherwise than in accordance with instructions issued by Hills Antenna & TV Systems.
9. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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