



# INSTALLATION INSTRUCTIONS FOR EZY HD NBN GUTTER MOUNTS (Patented Design)

**FB607229A EZY HD 600mm GUTTER MOUNT**

**FB607231A EZY HD 900mm GUTTER MOUNT**

The Ezy HD Gutter Mount has been designed for 80cm satellite dishes for installations to AS 4055-2012 Wind Classification N5/C3 (W60).

## Installation Requirements

Select installation site in consultation with the customer taking the following points into consideration:

- Clear signal path to satellite.
- Structural soundness of the rafters and fascia at the installation point. Rigidity of the mount installation is imperative.
- Clear of power lines or other potential hazards.
- Clear cable run to set top box.
- The mount should not be installed where the joint of a fascia is between 2 rafters. In this situation, an adjacent pair of rafters should be used.
- The mount is not to be installed where debris from surrounding trees can accumulate in the gutter.
- The minimum gap between the bottom of the mast base plate and the bottom of the gutter must exceed 30 mm.

## Installation Procedure

1. Slip three (3) tiles to expose two (2) rafters as per figure 1.

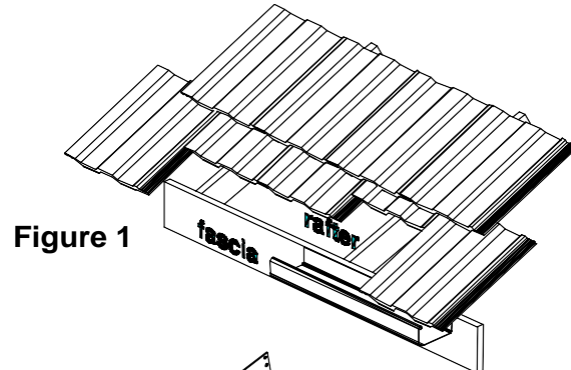


Figure 1

2. Assemble the two sections of the mount as shown in figure 2.

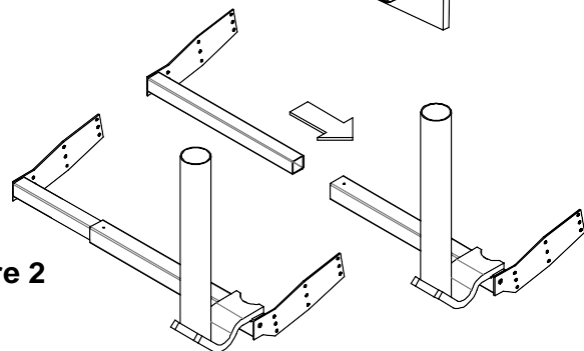
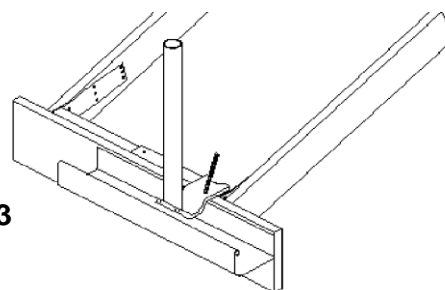


Figure 2

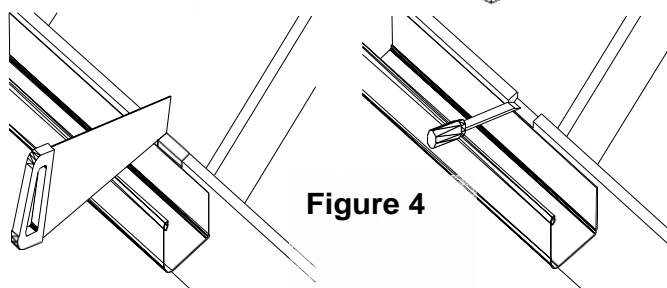
3. Place the assembly into the roof so that both plates are firm against the rafters. Check how the tile sits on the tongue of the mount. If the tongue causes the tile to sit incorrectly, then it may be necessary to notch the fascia to allow the mount to sit lower so that the tongue clears the tile.

If notching is required:

- a) Mark the width and position of the tongue on the top of the fascia...  
**The width must not exceed 78mm.**

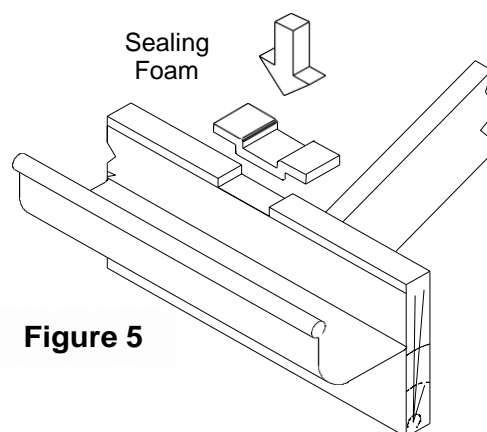


- b) Make 2 cuts 12mm deep and chisel out between the cuts.  
**The cuts must not be deeper than 12mm.**



**Note: Care should be taken not to damage the gutter, which may allow water ingress into the roof space.**

4. Shape sealing foam strip (supplied) to fit into the cut in the Fascia. Reposition the bracket assembly and push down firmly into the sealing foam to seal the cut against water ingress. Check mast is vertical using a spirit level. See figure 5.

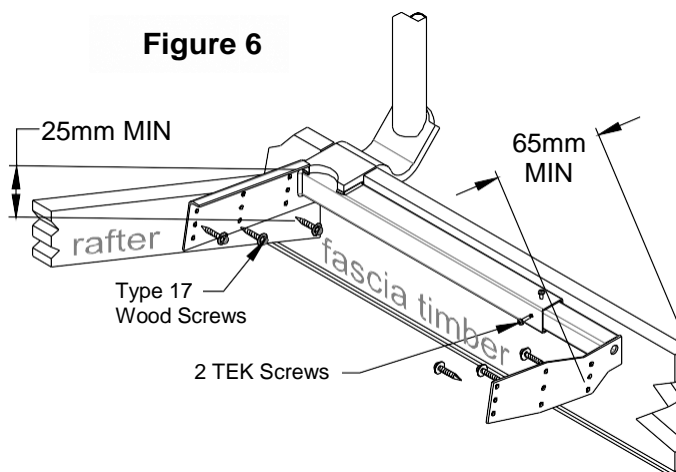


5. Fasten end plates to the rafters:

- To fasten the mount in place it is necessary to **use one fastener in each group of three holes in the end plates.**
- The hole selected in each group **must be at least 25mm from either edge of the rafter.**
- Ensure the Tek screw nearest the fascia, is **NO less than 65mm from the front of the fascia.**
- To avoid splitting hard wood rafters it may be necessary to pre-drill for these screws with a 4mm drill bit.

**Figure 6**

**Note: All six of the 14x40 type 17 self-drilling woodscrews must be used on every installations; three at each end.**



6. Drive the 2 TEK screws into the holes in the large square tube to ensure the two telescoping tubes are locked together. See figure 6.
7. Reposition the tiles, replacing the tile clips where possible. Spare adjustable clips have been provided to replace any clips that may have been lost or damaged. Any tile that can't be clipped must be secured to adjoining tiles, using a suitable silicon adhesive/sealant.  
Once done.....the mast install is complete.

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## WARRANTY TERMS – Australian Consumer Law



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) in Australia and the *Consumer Guarantees Act 1993* in New Zealand (the **Acts**), except where a New Zealand consumer acquires the relevant Equipment for the **purposes of a business**.
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 Limited ABN 35 007 573 417 of Level 7, 130 Pitt Street, Sydney, NSW 2000.
  - (b) **Equipment** means the goods packaged with this warranty document, or to which this warranty document is affixed.
  - (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. The following applies to consumers who purchased the Equipment in Australia:  
*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.*

**Contact us at -**

**hills.com.au**

**1300 HILLS 1**

**1300 445 571**