



Installation Instructions G0393 2.4GHz 20dBi Grid Antenna

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Thank you for buying a PacSat antenna. This product is the result of more than 10 years microwave experience, ongoing research and development. When correctly installed and operated, it will give many years of trouble free service.

Assembly for Vertical Polarisation

Step One: Attach the Feed to the Reflector

- This is achieved by bolting the mounting lugs of the *feed* to the lugs on the *tilt bracket* with the *reflector* sandwiched in between.
 - The *tilt bracket* is reversible. It allows for the antenna to be tilted either up or down. Select the orientation best-suited to the installation site.
1. Locate the central grid in the *reflector*. Pass the coaxial fly lead of the *feed* through this grid from the front.
 2. Bolt the feed feet to the tilt bracket feet using the bolt, nut and washer – ensure the feed is orientated as shown in figure 1.
 3. **Important:** Ensure that the drain hole in the feed is facing down to prevent water accumulation. If this is not the case, reassemble the antenna.

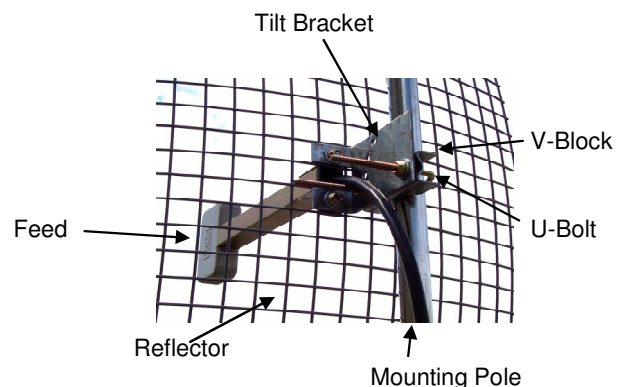


Figure One: Correct Assembly

Step Two: Attach the Mounting Bracket

- Mount the assembled antenna to a suitable mast using the *V-block* and *U-bolt* supplied.
- Ensure the *V-block* sits flat against the *tilt bracket* so that the *tilt bracket* does not make contact with the mast.
- Use the appropriate holes in the *tilt bracket* to aim the antenna.

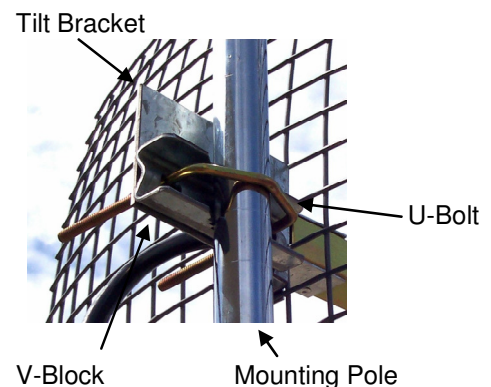


Figure Two: Mounting Arrangement

Horizontal Polarisation

- The G0393 antenna can be used in horizontal polarization with the optional polarization plate, part no. 8306-01.

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