

Tech Bulletin: Newly Approved Mounting Options



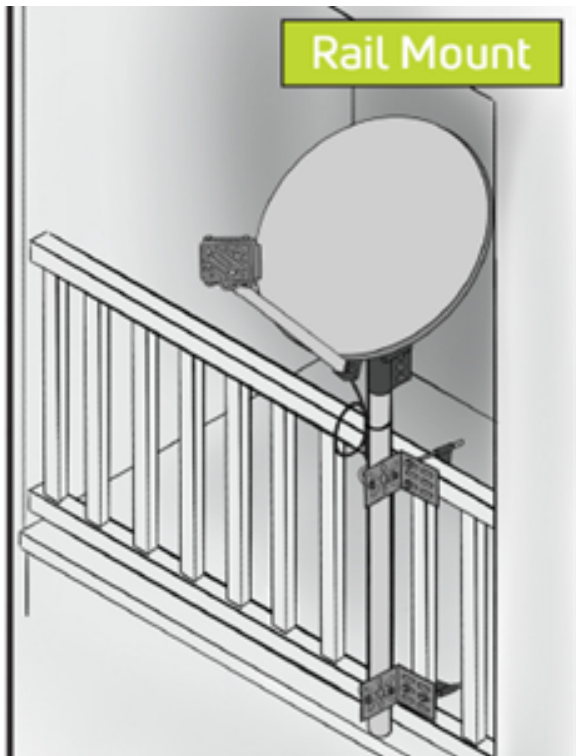
Newly Approved Mounting Options

Hello,

Viasat is happy to announce several recently approved mounting options. The requirements for these new options are shown in the images below. You can view the entire Quality Installation Standards document at <https://eguide.field.viasat.com/quality-installation-standards/>.

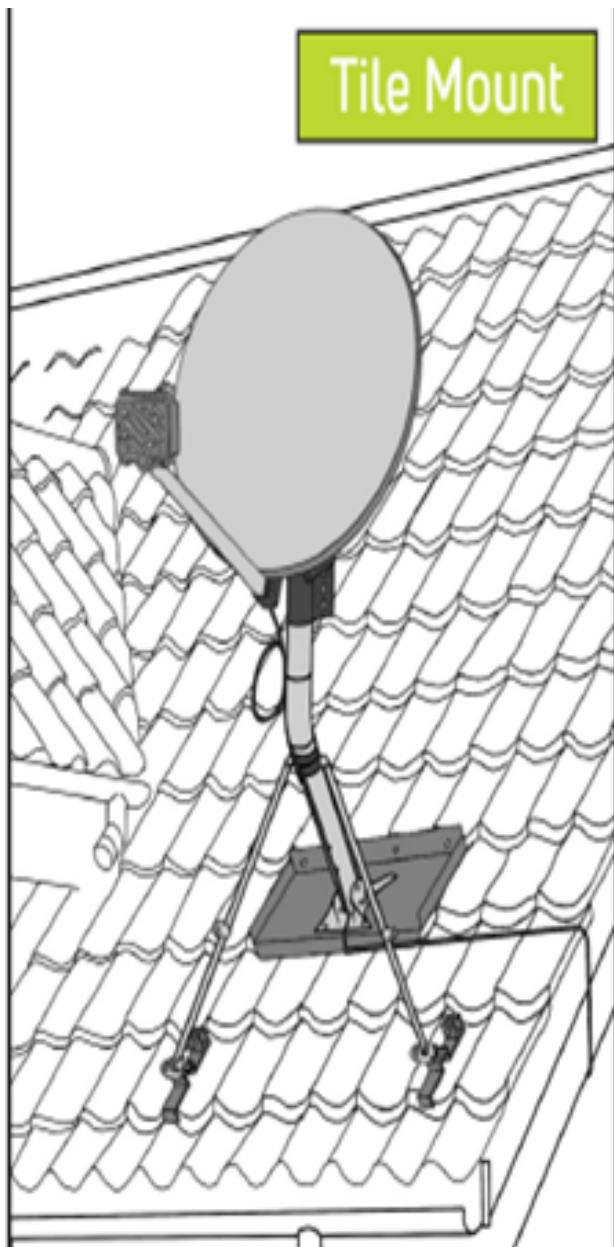
Rail Mount

Attached to a structurally sound railing, preferably near a wall or post



- Attach to structurally sound railing, preferably near a wall or post
- ODU is at least 3' from electrical panel and 20' from power lines
- Zip-tie cable to the mast, including a 6" diameter service loop
- Connect the messenger to the L-bracket with a green ground screw
- Prevent hazards by properly routing and securing the coaxial cable
- Tighten all hardware completely

Tile Roof mount Used to mount on a clay or concrete sloped roof.



- Attach to an approved, structurally sound surface on a sloped tile roof (clay or concrete tiles only)
- Avoid broken or cut tiles and use at least 3' from any flashing
- ODU is at least 3' from electrical panel and 20' from power lines
- Requires use of tri mast
- Place 2 or more rows from eave
- Position monopoles 2" below the bend, at a downward angle, forming a tripod
- Zip-tie cable to the mast, including a 6" diameter service loop
- Connect the messenger/ground wire to a green ground screw on the footplate
- Tighten all hardware completely

Non-Pen mount

In cases there is not an option to mount the antenna to the structure of the home using any of the other Viasat approved mounting options, or the installation of a pole mount, the following surfaces have been approved:

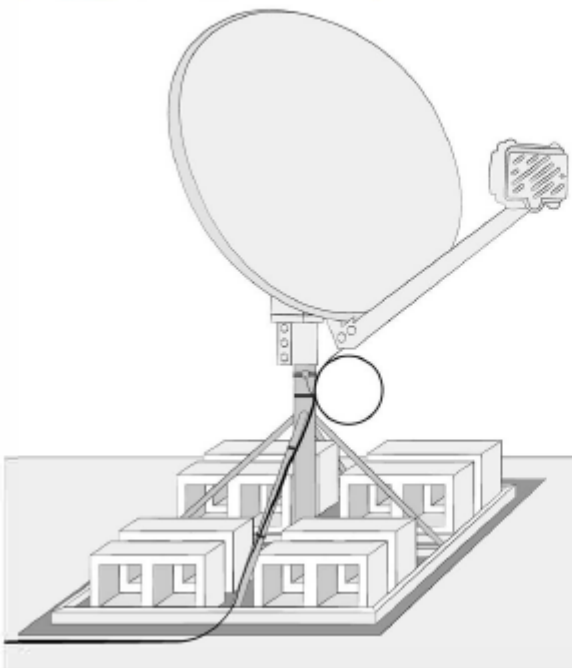
- Patio

- Balcony

- Deck

- Ground

NON-PEN MOUNT



- Approved for flat roof, balcony, deck, patio, and ground use when a pole mount is not an option
- Use a protective mat
- If using monopoles, position the collars 2" below the bend, at a downward angle, forming a tripod
- Zip-tie cable to the mast, including a 6" diameter service loop
- Universal or stub mount based on location with snow as a consideration
- Should be placed in area of low traffic
- Surface must allow mast to be leveled
- Location should not be prone to flooding
- ODU is at least 3' from electrical panel and 20' from power lines
- Cable must not pose a tripping hazard
- Requires eight 28-pound cinder blocks for ballast