

Be sure to visit WWW.ALTELIX.COM to view our complete product offering and online ordering.



Designed to house and protect a wide range of equipment, Altelix Industrial NEMA rated enclosures include options such as AC & DC powered, cooling and heating, FRP or Polycarbonate+ABS construction and in multiple sizes and configurations.



Altelix high performance, high quality antennas are available for a wide range of wireless applications. These include 2.4 GHz and 5 GHz WiFi, 3G/4G/LTE Cellular, Distributed Antennas Systems (DAS), RFID and 802.11a, 802.11b, 802.11g, and 802.11ac wireless networks. Antenna types MIMO and dual band/dual polarized models.



Altelix offers a wide range of coax cable and cable assemblies. Cable types include low loss 100-Series to 600-Series in standard, fire retardant and plenum rated types as well as high temperature rated RG cable, low PIM RG cable and 75 Ohm RG cable. Our high-quality coax cable assemblies are assembled and tested to meet or exceed applicable commercial and MIL specifications.



Altelix coax lightning and surge protectors are available in many different connector types include Type N, UHF and DIN. Models available for WiFi 2.4/5 GHz applications as well as DAS applications in the 800-2500 MHz frequency range.



5 GHz Grid Antenna Assembly Instructions

Be sure to visit WWW.ALTELIX.COM to view our complete product information and specifications.

**WARNING: INSTALLATION OF THIS PRODUCT NEAR POWERLINES IS DANGEROUS.
FOR YOUR SAFETY, FOLLOW THE INSTALLATION DIRECTIONS**



Under some conditions, this antenna may not prevent electrocution. Users should keep antenna away from any overhead wires. If antenna contacts a power line, any initial protection could fail at any time. IF ANTENNA NEARS ANY OVERHEAD WIRES, IMMEDIATELY LET GO, STAY AWAY, AND CALL UTILITY COMPANY

THIS ANTENNA IS DESIGNED TO BE INSTALLED ONLY BY A TRAINED PROFESSIONAL INSTALLER

Select a safe site to install the antenna.

The distance between any power lines and the installation site should be at least one and one-half times the height of the antenna and mast assembly. Make the distance even greater, if at all possible. Since all overhead power lines look somewhat alike, consider them all dangerous and stay well away from them.

If you have power lines in the area, call your local electric utility for assistance.

NEVER work alone; always have someone near who can summon help.

Check weather conditions. Be sure that the area is not slippery and make sure that rain or thunderstorms are not predicted for the day you install the antenna.

The wind can blow the antenna into a nearby power line. Don't install, adjust or move antennas in moderate or heavy winds.

If you need to use a ladder, make sure it is made of non-conductive (non-metallic) material

Antenna Installation

Properly assemble the antenna according to instructions.

If a tower or mast begins falling let go of it and let it fall.

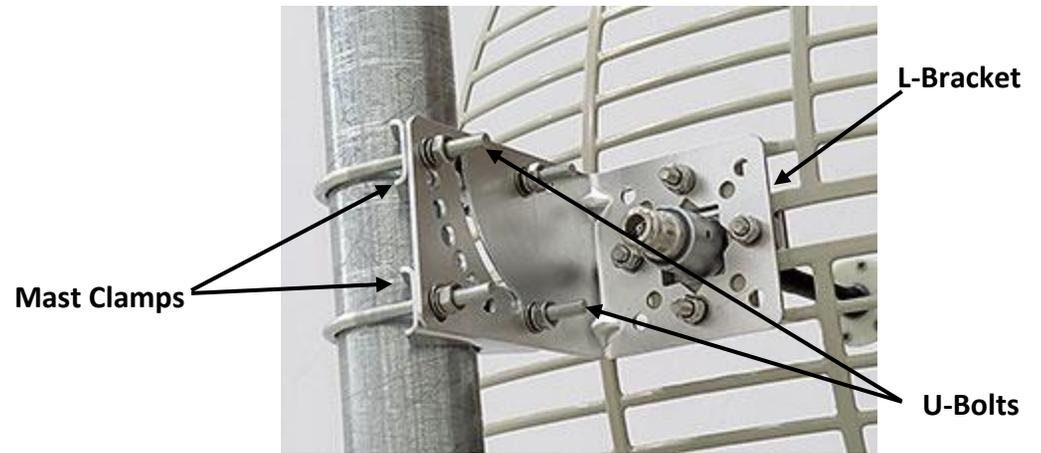
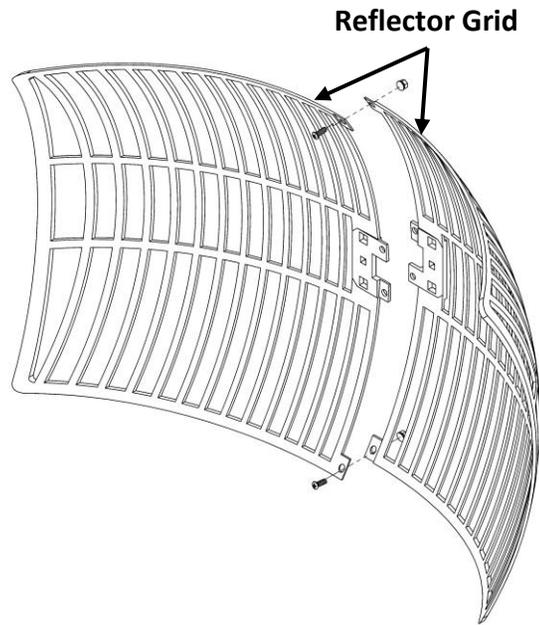
If the antenna or any part such as the wire or mast comes in contact with power wires **DO NOT TOUCH IT OR ATTEMPT TO MOVE IT.** Contact the power company for assistance.

Ground the antenna according to the National Electrical Code.

Antennas improperly installed or installed to an inadequate structure are susceptible to wind damage that can be very serious or even life threatening. Ensure that the installation is properly grounded. Ensure that the antenna is properly secured and structurally sound to support all loads (weight, wind & ice) and properly sealed against leaks.

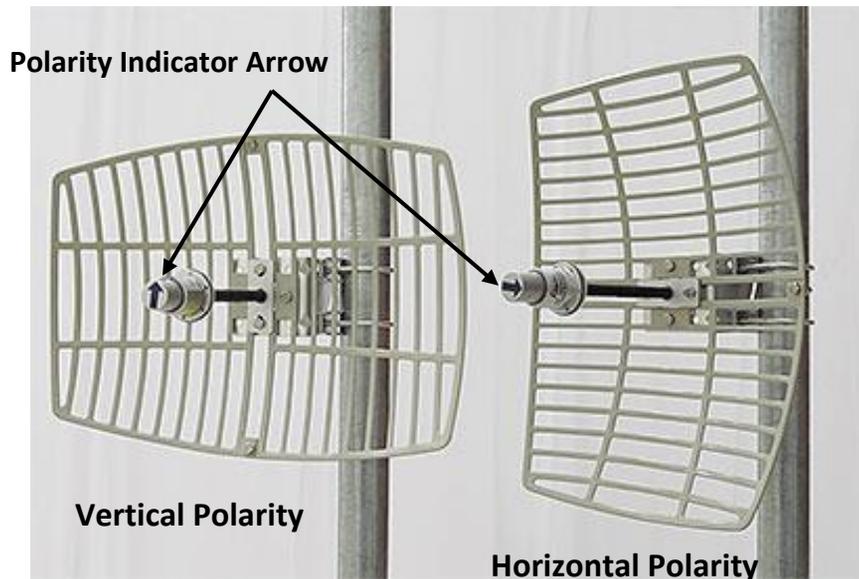
Rooftop Installation Warning

DO NOT assume that just because you're on a roof, you're isolated from ground. You may still be electrocuted or fall off the roof.

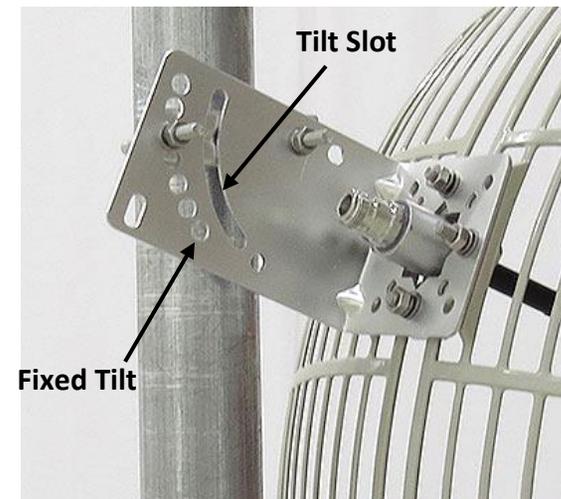


Position the L-Bracket to the back of the Grid Assembly. Secure the L-Bracket, Feed Assembly, and Grid Assembly to each other using the machine screws with lock washers, flat washers, and nuts. Insert the U-Bolts through the Mast Clamps and the L-Bracket and fasten with the provided washers and nuts.

Assemble the two halves of the Reflector Grid using the machine screws, lock washers, flat washers, and nuts as shown above.



Determine which polarity will be used for the installation. The antenna can be installed with either vertical or horizontal polarization. The Polarity Indicator Arrow must be oriented to grid as shown for optimal performance. Mount the Feed Reflector to the Feedhorn using the self-tapping screw.



Optional Tilt Mounting

The antenna can be mounted in a tilted position using one U-Bolt and either the tilt slot or one of the fixed tilt positions.