

## Altelix 0-3 GHz Coax Lightning Surge Protectors



MODEL	DESCRIPTION
LC03NFNFB	N-Female to N-Female Bulkhead - Gas Tube
LC03NMNFB	N-Male to N-Female Bulkhead – Gas Tube
LC03NMNM	N-Male to N-Male – Gas Tube
LCW3NMNF	N-Male to N-Female - Quarter Wave
Other connector options available as well as 6 GHz Coax Protectors, Cable Grounding Kits & Ethernet Data Line Protectors.	

## Altelix RF Signal Splitters



MODEL	DESCRIPTION
CS0727S2	2-Way 698-2700 MHz – N-Female Connectors
CS0727S3	3-Way 698-2700 MHz – N-Female Connectors
CS0727S4	4-Way 698-2700 MHz – N-Female Connectors
Low PIM & Dual Band (2.4/5 GHz) models available.	

## Altelix 400-Series Low Loss Cable Assemblies



MODEL	DESCRIPTION
CA400-NMNF	N-Male to N-Female AX400 Cable
CA400-NMNM	N-Male to N-Male AX400 Cable
CA400-RTMNM	RP-TNC Male to N-Male AX400 Cable
CA400-RSMNM	RP-SMA Male to N-Male AX400 Cable
CA400-RSMNF	RP-SMA Male to N-Female AX400 Cable
Additional cable assembly types include 100-Series, 195-Series, 240-Series & 600-Series. Custom assemblies also available.	

## Altelix Coax Adapters



MODEL	DESCRIPTION
CCNFNF	N-Female to N-Female
CCNMNM	N-Male to N-Male
CCNMNF-R1	N-Male to N-Female Right Angle
CCNMRTM	N-Male to RP-TNC Male
CCNMRSM	N-Male to RP-SMA Male
CCNFRTM	N-Female to RP-TNC Male
CCNFRSM	N-Female to RP-SMA Male
Over 60 different adapter types available as well as Altelix's wide range of coax connectors.	

## Altelix Weatherproof NEMA Enclosures



MODEL	DESCRIPTION
NF141206A1	14x12x6 In. with 120VAC Power
NF141206HA1	14x12x6 In. with 120VAC Power & Heat
NF141208A1	14x12x8 In. with 120VAC Power
NF141208HA1	14x12x8 In. with 120VAC Power, Heat
NF141208VFA1	14x12x8 In. with 120VAC Power & Fan
NF141208VFHA1	14x12x8 In. with 120VAC Power, Heat & Fan
Additional options include vented models, enclosures with or without blank mounting plates and our NP series ABS enclosures	

Be sure to visit [WWW.ALTELIX.COM](http://WWW.ALTELIX.COM) to view our complete product offering and online ordering.



## Grid Antenna Assembly Instructions

Be sure to visit [WWW.ALTELIX.COM](http://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.

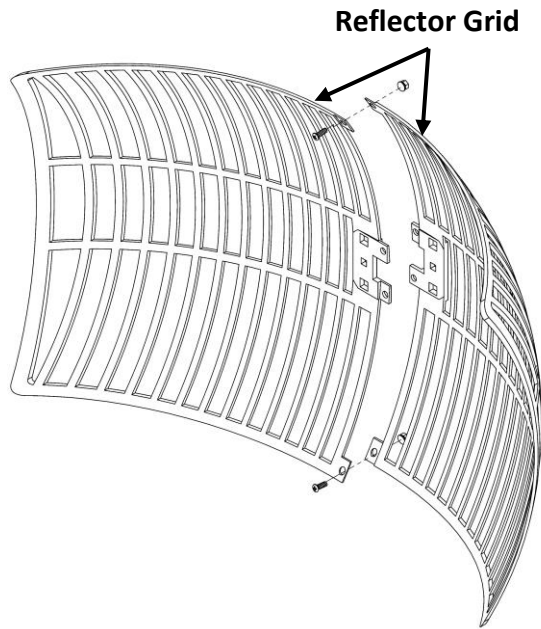
If the antenna or any part such as the wire or mast comes in contact with power wires **DO NOT TOUCH IT OR ATTEMPT TO MOVE IT**. Contact the power company for assistance.

Ground the antenna according to the National Electrical Code.

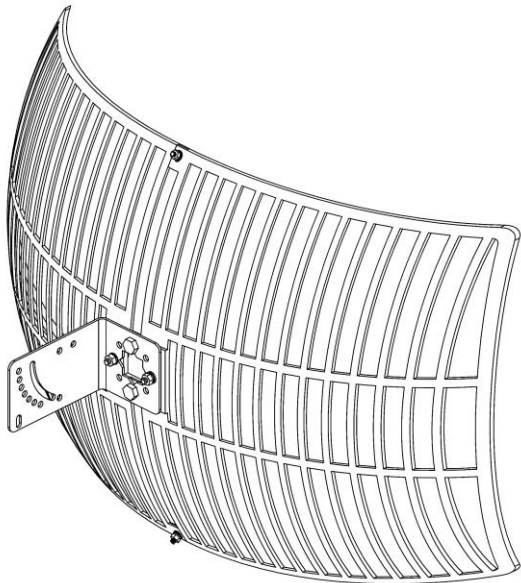
Antennas improperly installed or installed to an inadequate structure are susceptible to wind damage that can be very serious or even life threatening. Ensure that the installation is properly grounded. Ensure that the antenna is properly secured and structurally sound to support all loads (weight, wind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

### Rooftop Installation Warning

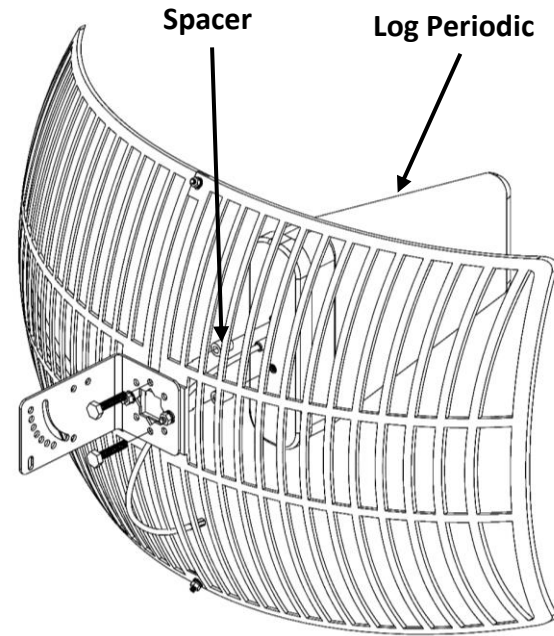
**DO NOT** assume that just because you're on a roof, you're isolated from ground. You may still be electrocuted or fall off the roof.



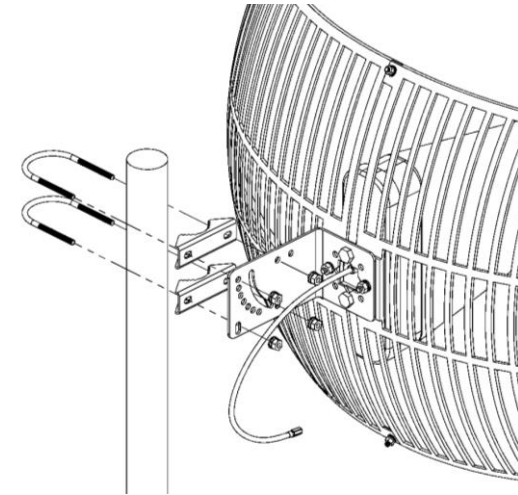
Assemble the two halves of the Reflector Grid using the machine screws, lock washers, flat washers, and nuts as shown above.



Position the L-Bracket to the back of the Grid Assembly and secure them to each other using the machine screws with lock washers, flat washers, and nuts.



Secure the log periodic to the grid assembly by feeding the bolts through the grid assembly, then the spacers, and into the log periodic as shown above.



Insert the U-Bolts through the Mast Clamps and the L-Bracket and fasten with the provided washers and nuts.