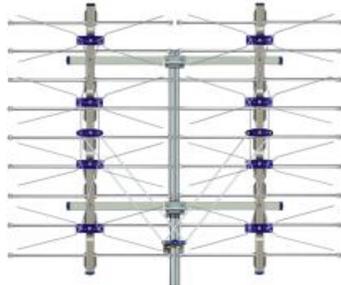




**WARNING:** Installation of this product near power lines is **DANGEROUS**. For your safety, follow the installation directions.

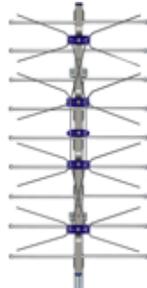
## U8000

8-Bay UHF Antenna



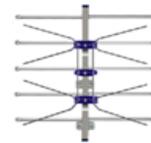
## U4000

4-Bay UHF Antenna



## U2000

2-Bay UHF Antenna



### BEFORE YOU BEGIN

Read this manual and separate Consumer Product Safety Commission information. For your safety and convenience, plan each step of the installation and purchase the necessary hardware in advance. The order in which you perform the steps and the hardware required depends on the mounting and connection methods you choose.

**Note:** There is no built-in VHF feed thru feature on these antennas.

We recommend two people assemble the entire antenna on the ground, and then mount the assembled antenna on the mast.

**Warning:** When you install your antenna, use extreme caution. If the antenna starts to fall, let it go! It could contact overhead power lines. If the antenna touches the power lines or guy wires it can cause electrocution and death. Call the power company to remove the antenna.

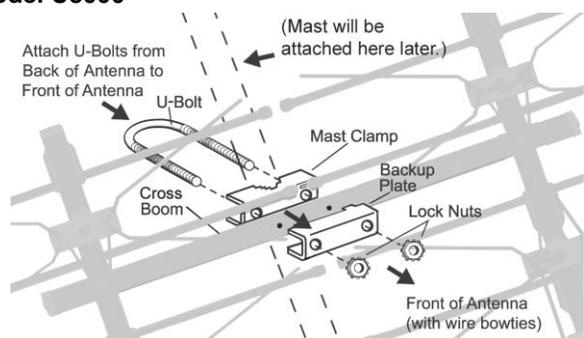
**Do not attempt to remove it yourself.**

### ASSEMBLING THE ANTENNA

1. Press the supplied end plugs into the ends of the antenna booms.

2. **For Model U8000 only:** Use the supplied hardware to *loosely* attach the supplied mast clamp assemblies (mast clamp, backup plate, U-bolt and locknuts) through the holes on the cross booms. **Note:** There is an extra mast clamp, U-bolt and lock nuts to secure the aluminum leg at the bottom plastic connector marked **CONNECT LEAD-IN HERE**.

### Model U8000



**For Models U2000 and U4000:** The mast clamps are pre-attached to the main boom and you need only attach the U-bolts and nuts

## CONNECTING LEAD-IN CABLE TO THE ANTENNA

We recommend RG-6 cable, and if you prepare your own cable, a quality F-connector.

**Note:** If you prepare your own cable, slide the 300 to 75 Ohm matching transformer's weather boot onto the cable before you attach.

1. Slide the transformer's spade terminal ends around the antenna's lead-in terminals marked **CONNECT LEAD-IN HERE** tag. Secure them with the supplied flat washers and large wing nuts.

**Note:** Models U2000 and U4000 do not have a **CONNECT LEAD-IN HERE** tag. Connect the transformer's spade terminal ends to the terminals on the middle plastic insulator.

2. Screw the F-connector onto the 300 to 75 Ohm matching transformer. Then slip the weatherboot over the connection. **Note:** If you use a cable without a weatherboot, cover the connection with weatherproof tape.

## ATTACHING THE MAST

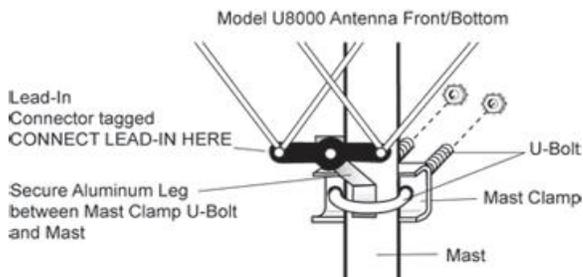
We recommend that you get the help of another person before you put up the mast or attach your antenna to it. How you set up the mast depends on your specific installation. Refer to the separate Consumer Product Safety Commission information for recommended methods.

1. Slide the antenna's loosely attached mast clamp assemblies over the top of the mast and tighten the nuts just enough to hold the antenna in place. Take care not to overtighten the nuts.

**Caution:** The crossover wires must not touch the antenna boom, the mast or each other. If necessary, carefully bend the crossover wires to provide at least ½ inch of clearance.

2. **For Model U8000 only:** Secure the **CONNECT LEAD-IN HERE** plastic insulator to the mast by inserting its aluminum leg between the U-bolt and the mast. Loosely tighten the locknuts to hold the leg against the mast but do not overtighten.

**Note:** This U-bolt will face the opposite direction as the other two U-bolts on the antenna mast



3. Rotate the antenna so its front (the side with the wire bowties) faces toward the TV stations you want to receive. Finally, tighten all mast clamp assemblies, but do not overtighten.

## ROUTING THE CABLE TO YOUR TV

- Use plastic tape to secure the coaxial cable to the mast at about 3-foot intervals.
- Use coaxial nail clips every few feet to secure the cable between the mast and where the cable enters the house.
- Use a 75-Ohm grounding block at the point where the coaxial cable enters the house. Read the Consumer Product Safety Commission information for grounding instructions.
- Use a drip-loop before the coaxial cable is routed into the house.
- Use a wall-through tube to neatly route the coaxial cable through the wall.

[www.antennacraft.net](http://www.antennacraft.net)

Models: U2000, U4000, U8000, 1500282, 1500283

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