



## **MACO 4600, 5600, & 6600 INSTRUCTIONS**

The first thing you will notice on your high power gamma match is the absence of a coax connector. This is because they heat at powers above 5000 watts. We supply two solder lugs; one on the base of the gamma match and the other on the lower bracket. Solder the (hot) center of the coax cable to the lug on the gamma match and the (ground) braid to the lug on the bracket.

Assemble the gamma match with the bottom gamma mounting bracket 2 inches from the boom to element mount. The starting point for the capacitor (Teflon) should be sticking out 3 inches from the gamma tube. The starting point for the slider bracket should be 6 inches from the end of the capacitor.

The adjustment procedure is the same as with the smaller gamma matches. Adjust the capacitor to the best possible SWR before moving the slider bracket. When you have gotten the best SWR by adjusting the capacitor lock the capacitor with the clamp and then adjust the slider bracket. It is not necessary to go back and forth with the two adjustments. Just do the capacitor first, then the slider bracket.

***DO NOT remove the screw that connects the capacitor and slider rod.***

**Maco Antennas - a Division of Charles Electronics, LLC  
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www.macoantennas.net  
815-244-3500**



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