

# ZEROFIVE-ANTENNAS

## Colossal 10k 5/8 groundplane antenna

### INSTALLATION NOTES

Thanks for your purchase of this antenna. We hope that you'll look over the instructions and tips provided before you install the antenna. Taking advantage of this information will help to make your installation easier and much more reliable.

The Colossal 10k 5/8 wave vertical antenna was designed to be a high power performance antenna. This antenna fills the niche for a 5/8 wave vertical that has great performance without tricky adjustments when you install it.

#### Assemble of the antenna

DO NOT USE POWER TOOLS to tighten the clamps. Hand tools ONLY please!  
Your antenna comes pretuned and partially pre assembled for shipping from the factory. When putting together the vertical section, there are 2 tubing piles you have to alternate between the 2 piles to get the single vertical element. The sections should be slid into the next size up to the black mark. DO NOT attempt to lengthen the antenna by reducing the overlap between the sections.

#### COAX CHOICE

A good low loss coax should be used with this vertical. RG-213 works great and is recommended. New coax should be used with any new antenna.

#### Maintenance

One critical piece of maintenance on this antenna is to make sure the weep hole (located a few inches above the black insulator at the base) remains open. This hole allows water (rain) that might build up on the inside surfaces of the antenna to drain away

#### Mounting your antenna

A strong mounting mast is required, this antenna weighs 17lbs. We recommend you use 1 1/4 inch galvanized water pipe for roof or tower mounting. Make sure the base of the antenna is grounded to a ground rod, with #8 stranded or solid wire.

Tuning of the antenna is done with the capacitor on the other side of the tuning ring. To resonate the antenna lower in frequency slide the outer tube up, to resonate the antenna higher in frequency slide the outer tube down. this is done by loosening the hose clamp on the bottom.

Now the legal stuff...

We all know that this sort of stuff is common sense but our lawyer is totally without humor and made us put this in anyway.

This antenna should NOT be installed where it may come in contact with power or telecommunications lines either during installation or potential failure. Make sure that it is installed well away from other objects such as buildings with metal siding, telephone and power poles and power lines. Also, take into account where it may fall if it is taken down by high winds or icing.

Please remember that, under most operating conditions, this antenna may have harmful voltages on the vertical mast even under low power conditions.

**ELECTRICAL SHOCK HAZARD IF THIS ANTENNA COMES IN CONTACT WITH POWER LINES, PLEASE BE VERY CAREFULL WHEN INSTALLING THIS ANTENNA. MAKE SURE YOU HAVE ENOUGH DISTANCE FROM POWER LINES IN CASE IT FALLS WHEN INSTALLING THIS ANTENNA. REMEMBER SAFTY FIRST**

