

Installation Instruction

Model G6-270R

Warning

INSTALLATION OF THIS PRODUCT NEAR POWER LINES IS DANGEROUS.
FOR YOUR SAFETY, FOLLOW THE INSTALLATION DIRECTIONS.

GENERAL DESCRIPTION

The G6-270R is a dual band collinear design using phased 5/8 wave elements on both bands. Two 5/8 wave elements are used on 2 meter and four 5/8 wave elements are utilized on the UHF band. The gain is 6 dB on both bands, referenced to a dipole. This antenna is shunt-fed, D.C. grounded for static discharge.

ASSEMBLY INSTRUCTIONS

1. Check package contents against illustration to insure all items are included.
Note: One corner of the flange which the radials are mounted on has a metal strip installed over the screw hole.
2. Refer to Figure 1 and install the four radial tubes to the base section. Use the 5180-5 screws to secure each radial between the radial plate and base flange, the radials must be aligned so that the first 2-1/2 inches are under the radial plate as shown in the illustration. Install a plastic cap on the outer end of each radial.
3. Before you attach your cable be sure you are using a type N connector. Attempting to attach a PL-259 connector to the antenna will break the center pin of the flange mounted N connector on the antenna.
4. Do not apply coax seal around the flange of the antenna connector. Under certain circumstances the antenna drains excess water around the edges of the flange. Sealing this flange connector may cause water to accumulate in the base assembly.

TUNING INSTRUCTIONS

The G6270R is factory tuned.

Newtronics Limited Warranty

Newtronics Antenna Corp. warrants its products to be free of defects in material and workmanship and extends this warranty under intended use and normal service conditions to the original owner for a period of one year from the date of purchase. This warranty does not apply to any product that has been repaired or altered in any manner and is void for any damage due to accident, neglect, unreasonable use, improper installation or any other cause not arising out of defects in material or workmanship. The obligations of Newtronics Antenna Corp. are limited to repairing or replacing, at its option any product or part that is returned to the factory, all transportation charges prepaid, accompanied by proof of purchase and which examination reveals to have been defective within the warranty period stated above.

Newtronics Antenna Corp. does not assume, nor is any person authorized to assume for it, any obligation other than that herein stated.

Any implied warranties, including by not limited to fitness for a particular purpose, are limited in duration for the above one year period. Newtronics Antenna Corp. shall not be liable under this warranty or any implied warranty, for loss of use of the product or for other consequential loss of damage incurred by the purchaser.

Some states do not allow the exclusion of limitations of implied warranties of consequential damages and so the above exclusions of limitations may not apply in those states. This warranty gives you special legal rights and you may have other rights that vary from state to state.

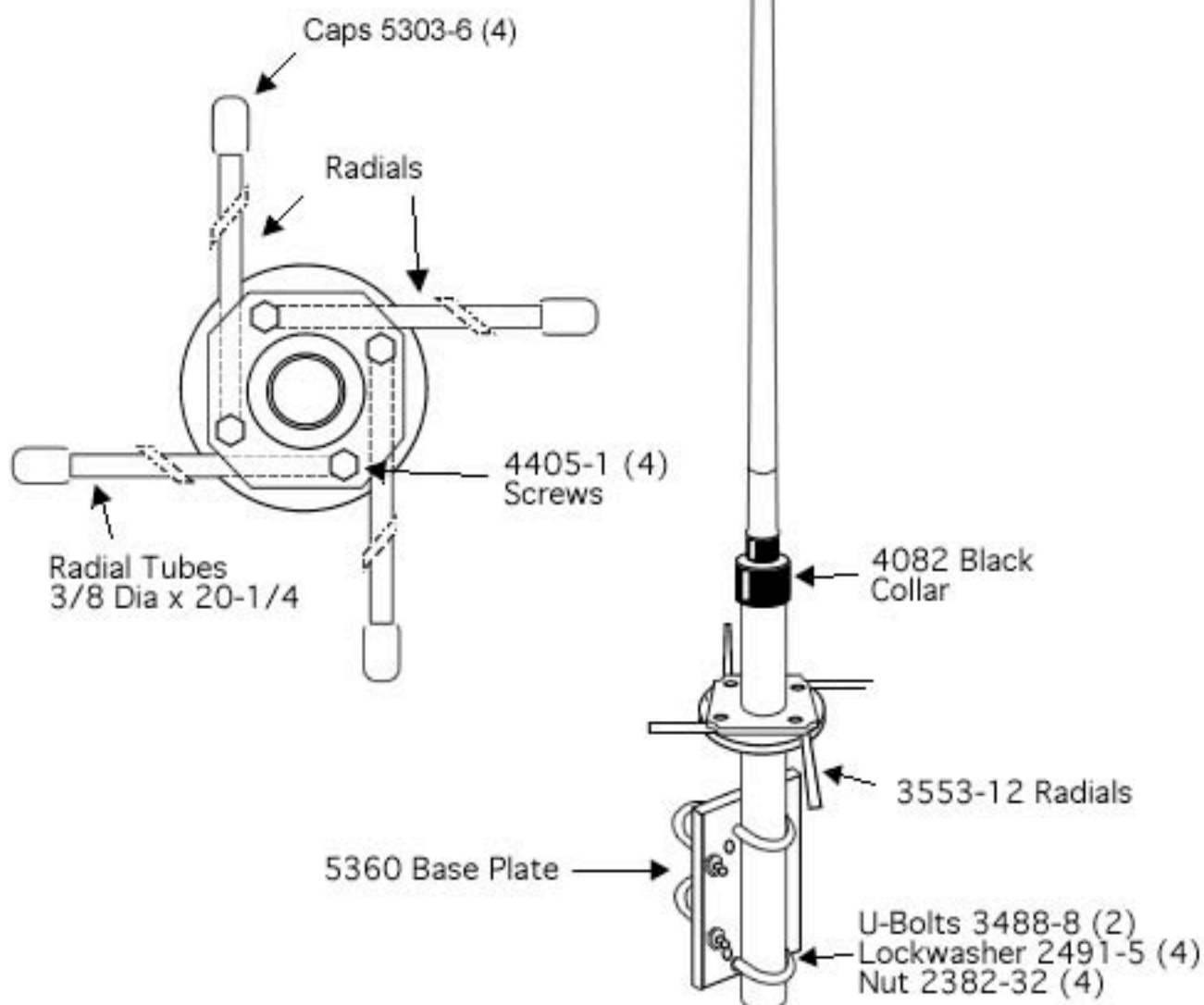
G6-270R
Kit #6742

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Hardware Kit

2	3488-6	U Bolts
4	2491-5	Lockwashers
4	2382-32	Nuts
4	5303-6	End Caps
1	6099	Danger Label



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CAUTION:

Do not use coax seal or tape on type "N" connector. This antenna is designed to drain excess water around the outside of chassis mounted "N" connector. Sealing this area will cause the antenna to retain water.