



Mounting: The base of this antenna is a 3/8x24 mounting stud and can be affixed to a base mount for ¼ wave vertical use or a dipole mount such as the Intellitron AA-1602 for horizontal use.

Tuning: For proper whip extension, please follow the chart below as a reference:

$$\text{Length (feet)} = 234 / \text{Frequency MHz}$$

$$\text{Length (inches)} = 2808 / \text{Frequency MHz}$$

| | | | | | |
|------------------|----------------|------------------|------------|------------------|-------------|
| 20 Meters | 199 inches | 17 Meters | 155 inches | 15 Meters | 132 inches |
| 12 Meters | 112 ¾ inches | 10 Meters | 99 inches | 6 Meters | 55 inches |
| FM Band | 26 - 32 inches | Air Band | 23 inches | 2 Meters | 19 ½ inches |

NOTE: *The information in the table above is a reference. SWR can be affected by surroundings, mounting method, and the height above ground. Adjustments may be required to achieve the lowest SWR.*

Installation: The TA-1317 antenna can be used vertically or horizontally to achieve the desired polarization. We suggest terminating the coax feedline exit at a right angle to the element/base. When extended, the antenna will become flexible, so use caution when assembling and tuning. Use eye protection during this process.

NOTE: *Avoid installing near humans and/or pets to prevent contact with energized elements...yes you can receive RF burns.*

Safety Warning: The antenna elements are un-insulated electrical conductors and should never be used near an area of electrical power lines or where high voltage is present.



TWO YEAR LIMITED WARRANTY

This Limited Product Warranty is provided by the Dealer where your Intellitron product was purchased. The Product Warranty extends only to the original purchaser of the product and is valid for a period of two years from the date of purchase. Please keep your dated sales receipt as evidence of the date of purchase. You will need it to receive warranty service. Your Dealer warrants the product will be free from defects in workmanship and materials under normal use. If the product fails to conform to the warranty and is within the warranty period of two years, contact your original dealer for a return authorization. Your dealer may choose to either repair or replace the non-conforming product.