

## EXTREMELY IMPORTANT: SELECT THE CORRECT CUTTING CHART FOR YOUR ANTENNA!

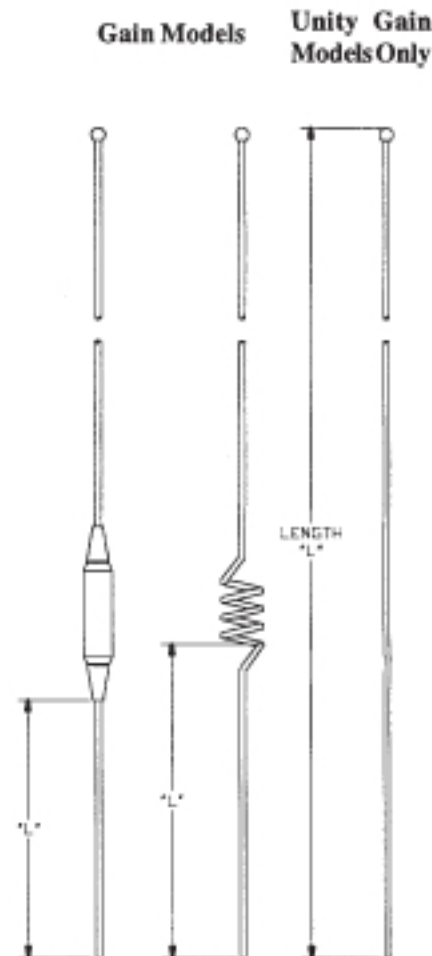
### 800/900 MHz Models

Each antenna is supplied with a whip ready for use at the highest frequencies. Loosen the set screw and raise the rod to length "L". SMR models can be tuned to cellular frequencies by trimming the rod.

### CUTTING THE ROD

Each antenna is supplied with a rod ready for use at the lowest frequency. To adjust rod for other frequency ranges, **always cut from the bottom of the rod**. Cutting the rod may be easier by using the edge of a file or grinding wheel to score the rod around its circumference. Then snap off with a pair of pliers.

*It is highly recommended that the rod be cut a bit longer than indicated on the chart. In this way 1:1 VSWR can be approached from the long side of the rod.*



(B)MUF800/900 MHz SERIES

### WARRANTY

MAXRAD, Inc. warrants that at the time of shipment the products furnished by MAXRAD, Inc. are free from defects in material and workmanship. MAXRAD, Inc. makes no other warranty, express or implied, with respect to its products. MAXRAD, Inc. will repair or replace, at its option, without charge, any MAXRAD product which fails within two years from date of purchase. This warranty does not extend to any of our products which have been subjected to misuse, neglect, accident, improper installation, improper storage, or improper application, nor shall it extend to units which have been repaired, disassembled or substantially altered outside the MAXRAD factory.

MAXRAD, Inc. reserves the right to inspect all defective products which must be returned to the MAXRAD, Inc. factory freight prepaid. No products will be accepted for replacement or repair without prior written approval. In all cases, final warranty disposition of the defective product will be determined by MAXRAD, Inc. The warranty period shall not be extended beyond its original term with respect to any part or parts repaired or replaced by MAXRAD, Inc.

**MAXRAD, INC. WILL NOT BE RESPONSIBLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES DUE TO FAILURE OF A MAXRAD, INC. PRODUCT UNDER THIS WARRANTY WHETHER SUCH CLAIM IS BASED ON TORT (INCLUDING NEGLIGENCE), CONTRACT, ANY THEORY OF STRICT LIABILITY OR REGULATORY ACTION.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

**THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. THE ABOVE STATED WARRANTIES ARE GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND MAXRAD, INC. HEREBY SPECIFICALLY DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND ANY BASED UPON USAGE OF TRADE OR COURSE OF DEALING.**

### RETURNS

In the unlikely event a defect occurs in this product, please work through the dealer or distributor from which this product was purchased. MAXRAD provides complete service and support to all of its dealers and distributors.

**CAUTION AND WARNING!**  
**YOU COULD BE *KILLED* IF THIS ANTENNA COMES IN CONTACT WITH ELECTRIC POWER LINES OR IS BROUGHT IN PROXIMITY WITH A HIGH VOLTAGE FIELD. FOR YOUR OWN SAFETY USE EXTREME CAUTION WHEN INSTALLING THIS ANTENNA. KEEP AWAY FROM POWER LINES.**



471 Brighton Drive  
Bloomington, IL 60108



### ELEVATED FEED INSTRUCTION SHEET

©2008 PCTEL, Inc.  
All Rights Reserved

Part #: MIS-ELFD-RevA

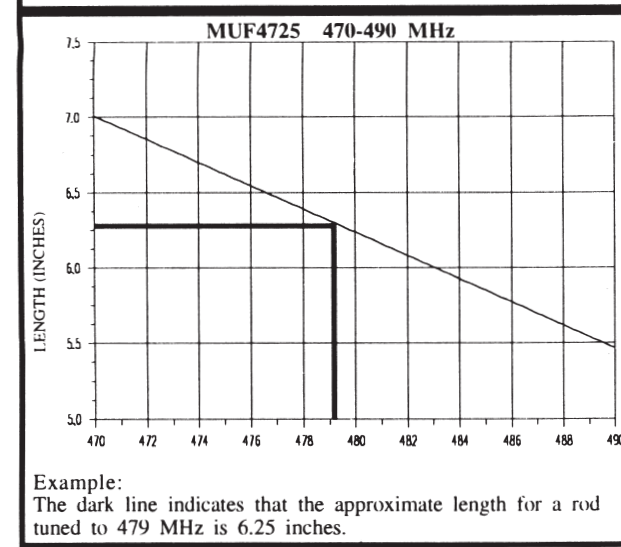
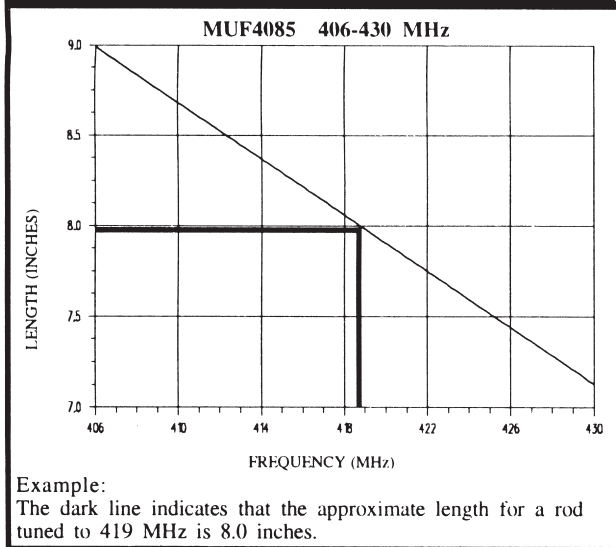
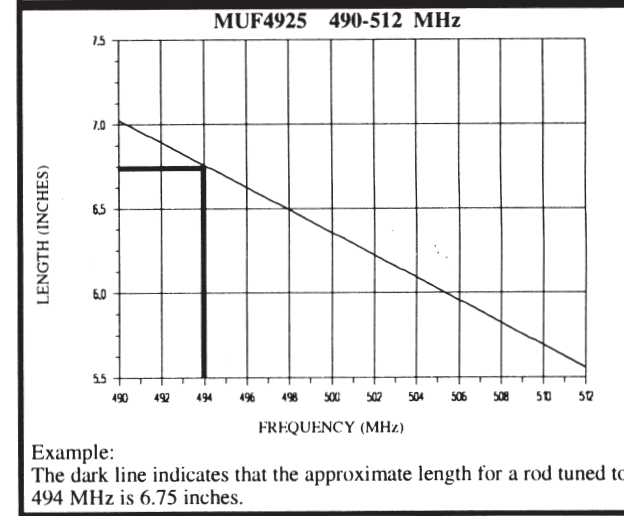
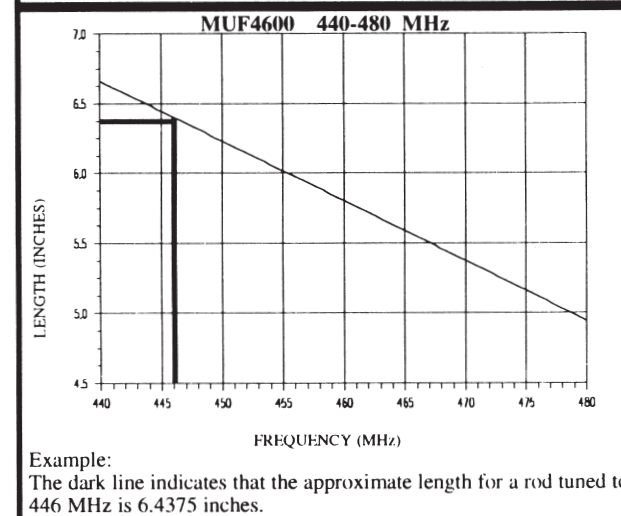
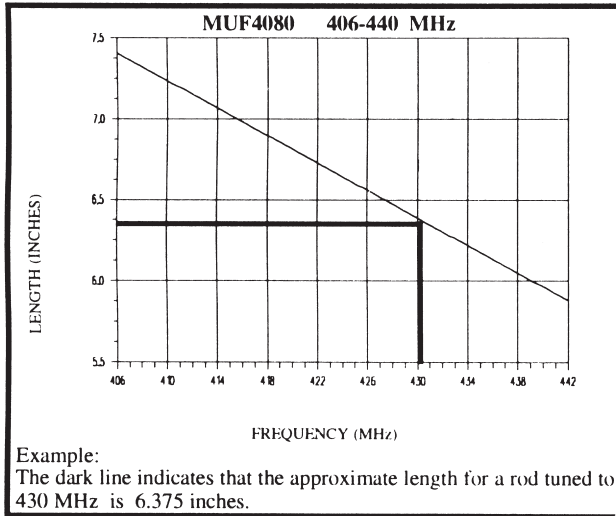
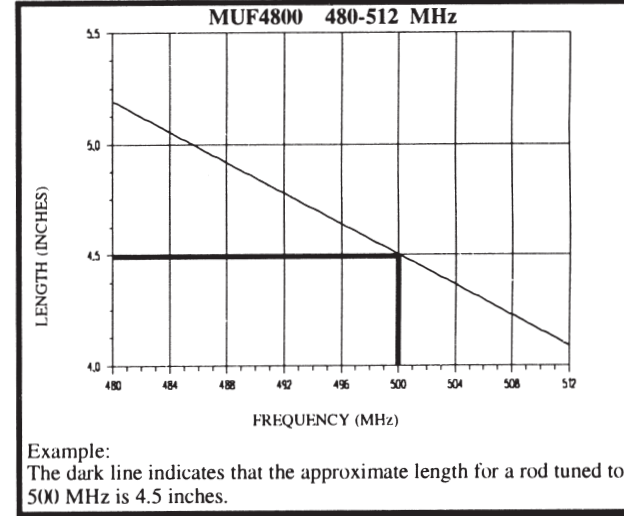
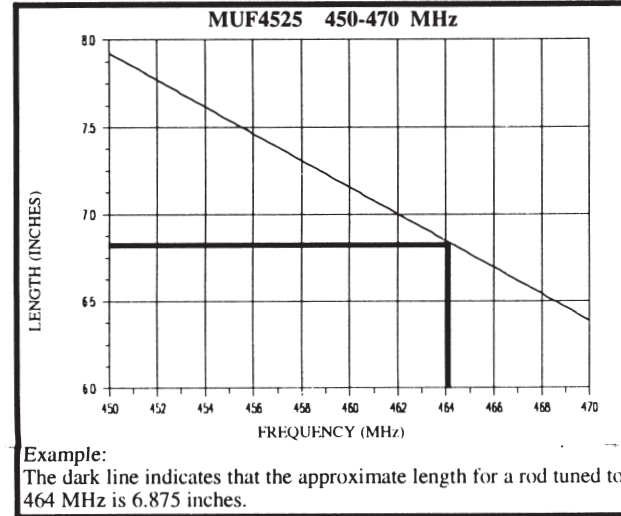
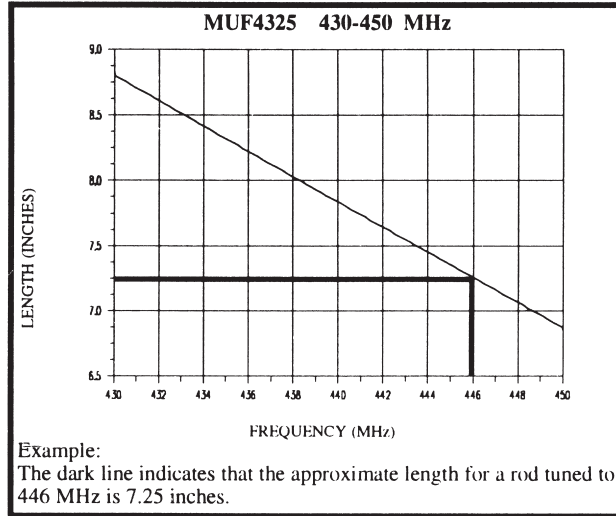
Printed in the USA

**EXTREMELY IMPORTANT: SELECT THE CORRECT CUTTING CHART FOR YOUR ANTENNA!**

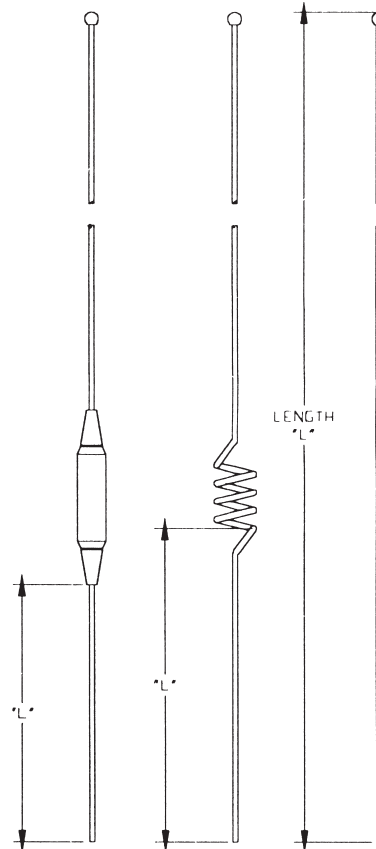
**UHF ELEVATED FEED ANTENNAS**

1. Select the proper chart for your model from those listed below.
2. Remove the antenna rod from the base portion by loosening the set screw on the ferrule.
3. Trim the bottom rod to the dimension given on the cutting chart. For Unity gain models, the cutting chart denotes the total length of the rod.
4. Insert the rod all the way into the ferrule and tighten the set screw.

**IMPORTANT:** It is highly recommended that the rod be cut a bit longer than indicated on the chart. In this way 1:1 VSWR can be approached from the long side of the whip.



**Gain Models Unity Gain Models Only**



Inch Measurement	Decimal Equivalent
1/8	.125
1/4	.250
3/8	.375
1/2	.500
5/8	.625
3/4	.750
7/8	.875