



## INSTALLATION GUIDE FOR COLLINEAR ANTENNAS MODELS: F2

### **WARNING:**

For your safety, do not install any antenna near power lines and carefully follow all installation instructions. Always use safety devices for tower climbing. Ensure that the tower structure is well grounded for lightning protection.

If the antenna falls toward or contacts any overhead wires, IMMEDIATELY LET GO and stay away. Contact the utility company for assistance.

### **IMPORTANT - BEFORE ASSEMBLING AND MOUNTING**

Both clamps must be properly installed and spaced to prevent antenna rotation from wind load. Make sure you have all parts ready prior to installation, see on the right.

### **MOUNTING INSTRUCTIONS**

1. The welded mounting slots are intended to be placed against the support structure when used with the supplied clamp set. When using any other clamp set, the mounting slots should be turned to one side, out of contact with the support.
2. Apply anti-seize compound to the ends of each u-bolt. Place a loosely assembled clamp over the top of the mast. Feed the antenna base ferrule down through the clamp until aligned with the upper attachment point. Tighten down the hex nuts and straighten the antenna until clamped into a vertical position.
3. Attach and secure the lower antenna clamp with the supplied hex nuts and lock washers, to provide reasonable pressure to the support structure and antenna base ferrule.
4. Connect RF feed cable terminated with Type-N or 7-16 DIN as required to antenna input connector. Secure all cables with UV-Resistant cable ties.
5. Be sure to properly seal the input connector with waterproof tape or other sealing material. Refer to Telewave TWDS-0502 for a recommended method of connector sealing.

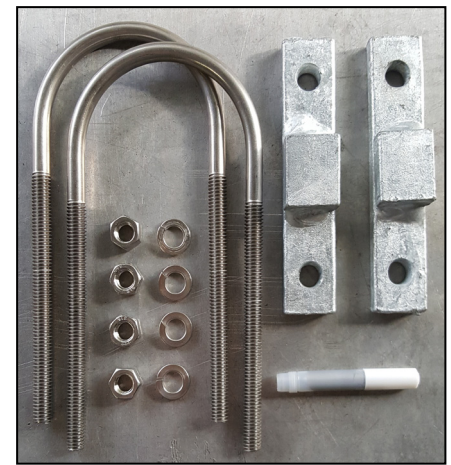


Figure 1: ANTC485 Clamp Kit

### **Clamp Kit Contents (Figure 1):**

- (2) Clamp Plates
- (2) 3/8"-16 Stainless U-Bolts
- (4) Hex Nuts
- (4) Lock Washers
- (1) Tube of Anti-Seize Compound

### **F2-SERIES DIMENSIONS**

Ferrule (L x D) in (cm): 11.5 x 2.75 (29.21 x 7)  
Clamp Spacing (L) in (cm): 7.5 (19)

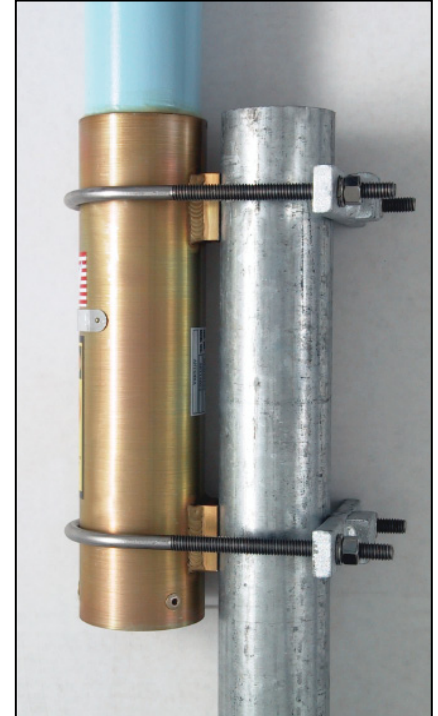


Figure 2: Typical Mounting Configuration