

INSTALLATION GUIDE FOR COLLINEAR ANTENNAS F2 MODELS

WARNING:

For your safety, do not install any antenna near power lines, and carefully follow all installation instructions. If the antenna falls toward or contacts any overhead wires, immediately let go and stay away. Call the utility company for assistance. Always use safety devices for tower climbing. Ensure that the tower structure is well grounded for lightning protection.

IMPORTANT

BEFORE ASSEMBLING AND MOUNTING:

Carefully read these instructions and study the diagrams. Check to make sure you have all parts. Both clamps must be installed and properly spaced to prevent antenna rotation from wind load.

PARTS LIST

- (1) Antenna assembly
- (1) Jumper RG-213 N-male to N-male 24"
(provided only with N-terminated antennas)
- (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

MOUNTING INSTRUCTIONS

1. The welded mounting rails are intended to be placed against the support structure when used with the supplied clamp set. When using an ANTC483 or other clamp set, the mounting rails should be turned to one side, out of contact with the support.
2. 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 supplied hex nuts and lock washers, to provide reasonable pressure to the support structure and antenna base ferrule (Figure 2).
4. The antenna input connector is a Type "N" or 7-16 DIN Female. A 24" N-male jumper is provided for antennas with N input. Connect RF feed cable terminated with Type "N" or 7-16 DIN as required to antenna input connector. Secure all cables with cable ties.
5. Be sure to properly seal the input connector with waterproof tape or other sealing material. See Telewave TWDS-0502 "Connection Weatherproofing instructions" for a recommended method of connector sealing.

Figure 1: ANTC485 Clamp Kit



Figure 2: Typical Mounting Configuration

