

OPEN DIPOLE ANTENNAS MOUNTING INSTRUCTIONS

IMPORTANT - BEFORE ASSEMBLING AND MOUNTING:

Carefully read all instructions and study the diagrams. Check to make sure all parts are on hand.

PARTS LIST

SINGLE DIPOLE - ANTxD	TWO DIPOLES - ANTxD3	FOUR DIPOLES - ANTxD6-9
(1) Dipole and clamp assembly	(1) Dipole and clamp assembly	(1) Dipole and clamp assembly
(1) 1/4"-20 hex bolt	(1) 1/4"-20 hex bolt	(1) 1/4"-20 hex bolt
(1) 1/4"-20 lock washer	(1) 1/4"-20 lock washer	(1) 1/4"-20 lock washer
(2) 3/8" split hex nuts	(2) 3/8" split hex nuts	(2) 3/8" split hex nuts
(2) 3/8" hex nuts	(2) 3/8" hex nuts	(2) 3/8" hex nuts
(2) 3/8" x 3.5" hex bolts	(2) 3/8" x 3.5" hex bolts	(2) 3/8" x 3.5" hex bolts

ASSEMBLY INSTRUCTIONS

1. Remove components from shipping box and lay out the dipole and cable assemblies, ideally in a large, sheltered area. Arrange the assemblies in order as cable lengths allow.
2. Refer to the diagram. Slide the boom over the dipole hub, and align the holes in the boom with the holes in the hub. install the 1/4"-20 bolt and nut, and tighten to 20 ft. lb. torque. Press the plug located on the dipole feed cable into the end of the boom.
3. Refer to the appropriate "Pattern Adjustment for Dipoles" sheet for the frequency of the antenna. Using the chart titled "Dipole Mounting and Mast Specifications", measure and mark the support structure for the proper dipole element spacing. Mount each dipole assembly to the mast with clamps as shown in the diagram. Locate the drain hole on each element, and be certain it is pointing down.
4. Refer to the chart titled "Mast to Dipole Dimensions", and determine the proper horizontal element spacing from the mast or support structure for the desired coverage pattern. **At least 1/2 inch of the boom should be visible on the back side of the clamps.**
5. Secure the dipole assemblies to the support with the supplied 3/8" nuts, washers and bolts, while adjusting each dipole position on the support.
6. Secure the cable assembly to the support.

