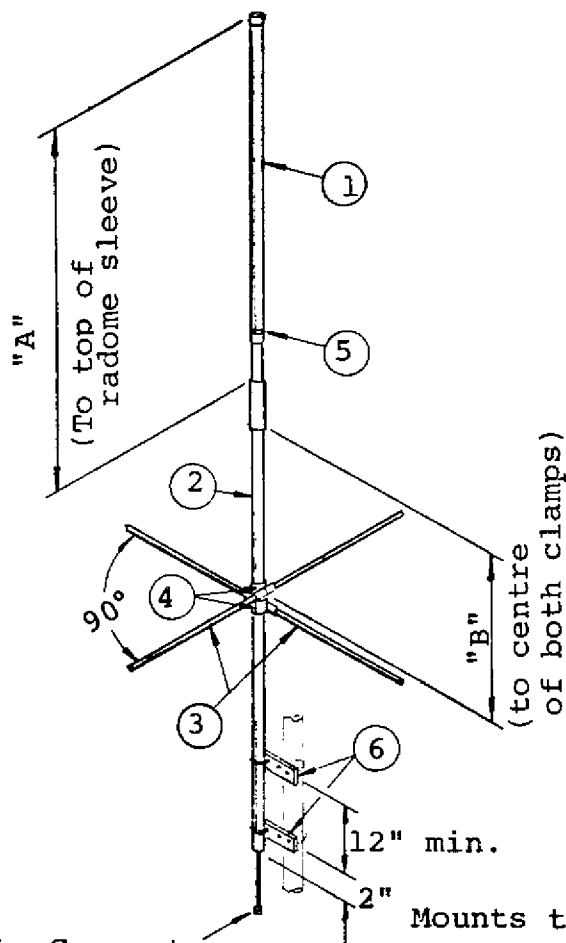


ANTENNA ASSEMBLY

MODEL	217-C
FREQ. (MHz.)	138-174



	"A" (inches)			
	46 1/16	49 1/2	52 1/16	
138			33-5/8	FREQUENCY (MHz.)
140			32	
142			30-5/8	
144			29-3/8	
146			28-1/4	
148			27-1/4	
150		27-1/8	26-1/4	
152		26		
154		25		
156		24		
158		23-1/8		
160		22-1/4		
162	22-3/8	21-3/8		
164	21-1/2			
166	20-3/4			
168	20			
170	19-1/2			
172	18-7/8			
174	18-3/8			
				"B" (inches)

'N' Male Connector

Mounts to 3/4" to 2 3/8"

"IMPORTANT"

An optimum tuning can be achieved by varying dimension "B" for minimum reflected power.

ASSEMBLY PROCEDURE

- 1/ Check quantity of parts against parts list. Notify carrier immediately if damage or shortage is evident.
- 2/ Install upper element as shown. Secure using clamp.
- 3/ Position ground rods as shown and clamp in place.
- 4/ The Model 217-C will tune to a particular freq. by adjusting the upper element to Dim. "A" and ground rods to Dim. "B" (see chart).

PARTS LIST		
ITEM	DESCRIPTION	QUANTITY
1	UPPER ELEMENT	1
2	LOWER ELEMENT	1
3	GROUND ROD	2
4	GROUND ROD CLAMPS	2
5	UPPER ELEMENT CLAMP	1
6	MOUNTING CLAMPS	2

TIGHTENING TORQUES FOR NON-LUBRICATED STEEL BOLTS					
BOLT SIZE	TORQUE	BOLT SIZE	TORQUE	BOLT SIZE	TORQUE
1/4-20	8 FT. LB.	3/8-16	20 FT. LB.	1/2-11	85 FT. LB.
5/16-18	11 FT. LB.	1/2-13	40 FT. LB.	3/4-10	110 FT. LB.