



Operation Manual

CA-ABC22a

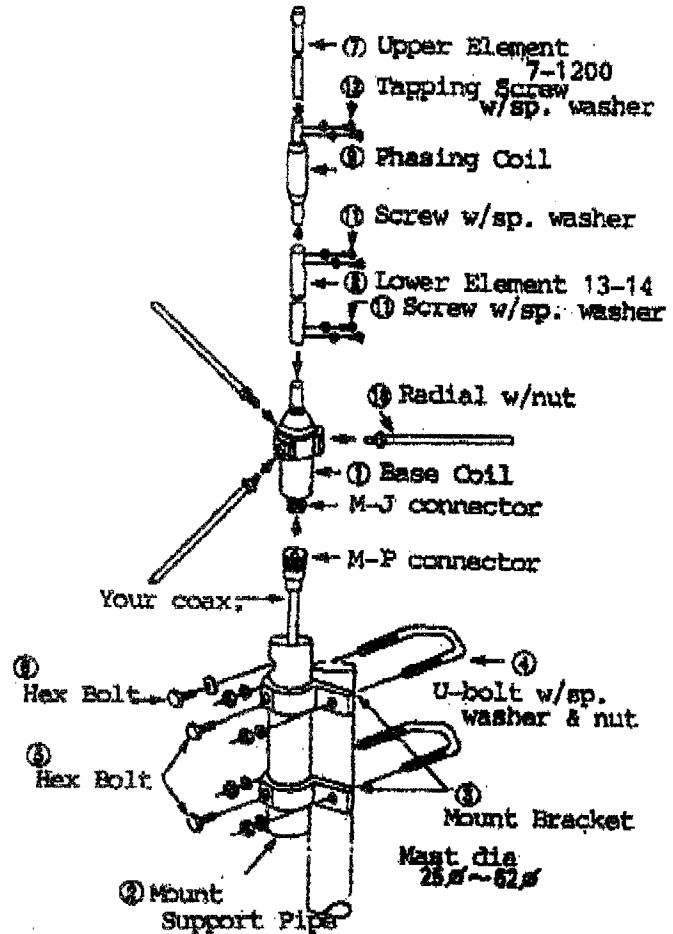
144MHz, 5/8 2-step GP Antenna

Specification :

Frequency	:	144-146MHz
Impedance	:	50 ohm
Gain	:	6.5 dBi
V.S.W.R.	:	Less than 1.5
Max Power	:	200 w
Length	:	2.87 m
Weight	:	1.1 kgs
Available Mast dia.	:	25φ - 62φ

Parts List:

No.		
001	Base Coil	1
002	Mount Support Pipe	1
003	Mount Bracket	2
004	U-bolt w/sp. washer & nut	2
005	Hex Bolt M5x10	2
006	Hex Bolt M6x8 w/sp. washer	1
007	Upper Element 7-1200	1
008	Lower Element 13-1400	1
009	Phasing Coil	1
010	Radial with nut	3
011	Screw w/spring washer	4
012	Tapping Screw w/sp. washer	2



Assembling works (Please see Above Fig.)

- 1) Firstly, assemble Upper Element, Phasing Coil and Lower Element, as shown on Above Fig. Then, joint whole element assembly onto the Base Coil.
- 2) Please assemble 3 Radials to the Base Coil. Then, lock them with Lock Nuts, using spanner etc.
- 3) Assemble and fix 2 Mount Brackets to Support Pipe. Pass your coax. cable through the Support Pipe and connect to the antenna M-J Connector.
- 4) Finally, mount the total assembly onto your Mast.

In order to keep high gain of model CA-ABC22a, please use high quality cable of 50 ohm standard.