

MODEL HMC-35C

(3.5MHz Option Coil for HMC-6S)

Maldol

**** Please study Owners' Manual of HMC-6S thoroughly and proceed replacement.**

Assembling Works:

Take off the 7MHz Coil from HMC-6S and assemble HMC-35C.
The HMC-35C Sub Element can be replaced any location, but please refrain from touching to other Elements.

Frequency Adjustment:

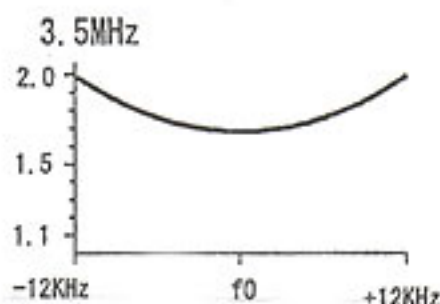
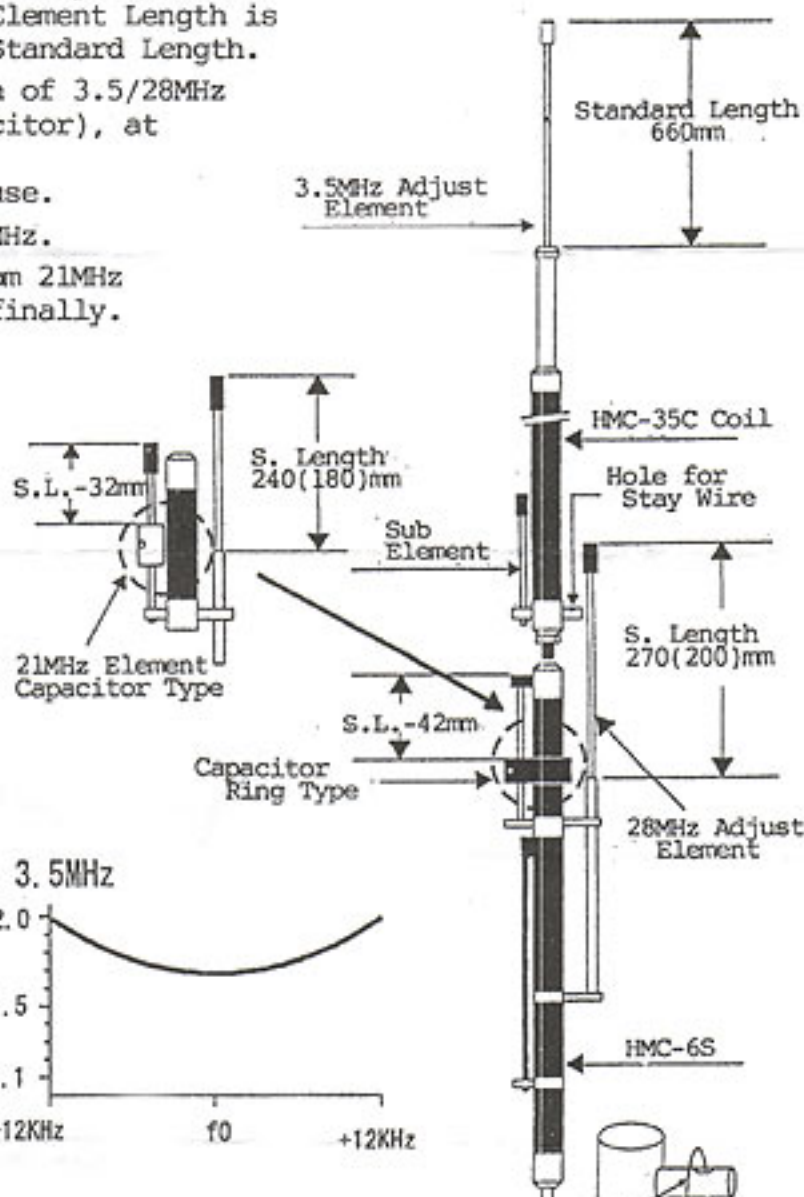
* Please proceed adjustment works at low power of less than 10W.

- 1) HMC-6S has 2 types-Capacitor Ring Type and Element Capacitor Type. Standard Element Length is different. Please follow to each Standard Length.
- 2) Please confirm and fix the length of 3.5/28MHz Elements, also 21MHz Ring (or Capacitor), at Standard Length positions.
(xxx) are the length for 29MHz FM use.
- 3) Then, confirm VSWR of 50/144/430MHz.
- 4) Please start freq. adjustment from 21MHz initially, then 28MHz, and 3.5MHz finally.

28/3.5MHz- When the Elements are shortened, higher frequency.
When pro-longed, lower frequency.

21MHz - When sliding the Ring (or Capacitor) upward, lower frequency.
Downward-higher frequency.

Frequency	Freq. shift per each 1cm
3.5MHz	15KHz
21MHz	250KHz
28MHz	200KHz



Specifications:

Frequency: 3.500-3.575MHz
Type : 1/4 wave
V. SWR : Less than 2.0
Impedance: 50 ohm
Max Power: 120W/SSB
Length : 2460mm (w/HMC-6S)
Weight : 880g (w/HMC-6S)

(***) Total length is 2.46m.
Please find out best mounting location, for saving the total height!!



*Suggested to use Stay Wire from 2 directions at least!