

Operating Manual

C★MET ANTENNA

Model: HA-750BL

Broadband Mobile Antenna
For: 7MHz, 14MHz ~ 56MHz

Many thanks for your best choice of our products.

For your safety use:

Please read through this Operation Manual initially for correct assembling and proper operation.

At opening package and before assembling, please check all components are involved.

Specifications:

● Frequency : Transmit 7,14 ~56MHz / Receive 3 ~70MHz

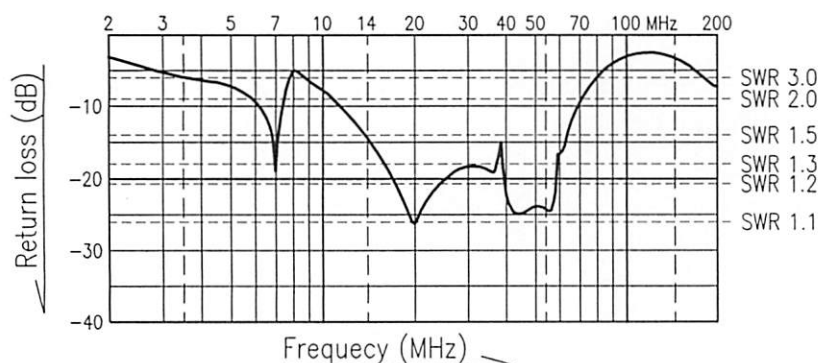
● Max. Power : 120 W/SSB

It is based on the power at the time of the intermittent transmit.

● Impedance : 50 Ω ● V.SWR : Less than 1.5

● Connector : PL-259

● Max. Length : 2.41 m ● Weight : 820 g



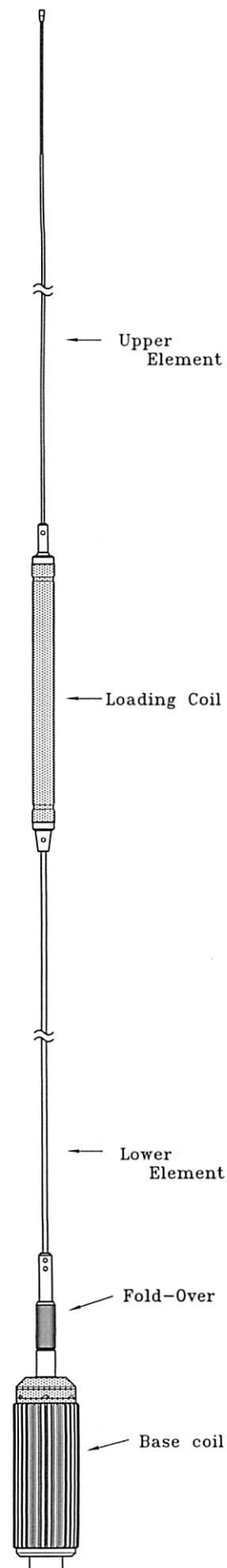
Element Adjustment: Frequency shift
by upper element each 1 cm { 7MHz ... 33KHz }

Features:

- The image cleared up was pursued, and design was finished in the original figure.
- Employ non radial form which radial isn't necessary, and install an antenna, and it restrains a variety in the SWR by the place.
- It is the antenna of the wide-band which covers 7/14 ~56MHz band each without adjustment.
- The fold-over hinge is convenient for entering garages, parking structures, drive-thru's etc... without the need to remove the antenna.

Note & Remarks on mounting and positioning:

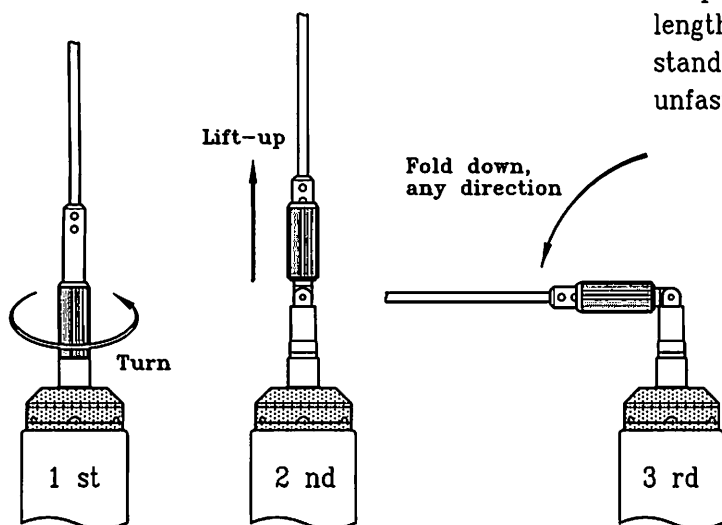
- The HA-750BL requires an SO-239 mount connector.
- If using a magnetic mount, be sure it is strong enough to hold the HA-750BL antenna.
- Mount the HA-750BL away from other antennas or metal objects.
If high SWR is noticed, reposition the antenna until good SWR is found.



Note & Remarks on handling and driving: for HA-750BL

- ⊗ Pay special attention not to stick eyes and body while dismounting of antenna or fold over/down of element.
- ⊗ Do not touch antenna while transmitting as it become hot enough to burn your fingers.
- ⊗ Please confirm tight fastening of connector and set screws of antenna. Loosening and falling off will lead to personal injury and property damage.
- ⊗ Do not drive car at the condition of loosened Fold-Over or fold-down of element.
- ⊗ Please adjust antenna correctly. Irregular VSWR will lead to heat-up, break-down or power-down of antenna.

How to fold-down the antenna:



How to adjust antenna:

- ① The 7 & 14 ~56MHz band isn't adjustable.
- ② Frequency control can be done by adjusting the length of each Adjust Elements. Please use standard spanner involved in the package for unfastening and fastening of fix screw of element.

How to use:

- ① Please confirm tight fastening of each set screws by using standard spanner.
- ② Tighten antenna on base connection.
- ③ For better transmission, set antenna at vertical-position as much as possible.
- ④ Please confirm VSWR while transmitting.

Note & for operation:

- ⊗ This antenna is for amateur radio and Broadband receipt operator, Do not use other than for the purpose of antenna.
- ⊗ Please use this antenna within the standard and specifications described in this manual. Failure to this may cause heat up and break down of the unit.
- ⊗ Whatever damage and the malfunction which is due to the repair and the reorganization at end-user itself occur, it doesn't take the responsibility.
- ⊗ It is careful of the transmitting power, time because it is being based on the power at the time of the intermittent transmit.

[Maintenance]

- ☆ If mal-function is occurred, stop operation and try to find the reason. If it is not settled, please contact the store/shop where you purchased the antenna or our Engineering Department.
- ⊗ Before driving start, please check the VSWR is in correct position.
- ⊗ Routinely, please confirm tight fastening of each Set Screws.

[Customer Service]

- ⊗ Replacement parts and accessories are available at our dealer and our factory.
- ⊗ This quality product is manufactured under strict quality control. Please contact the store/shop for those damaged by transportation.
- ⊗ For further information about assembling work and other technical matters, please contact to our Engineering Department.

COMET CO.,LTD.

4-18-2 TSUJI, MINAMI-KU, SAITAMA-SHI, SAITAMA, 336-0026 JAPAN

TEL:048-839-3131 FAX:048-839-3136

URL: <http://www.comet-ant.co.jp>