

HFC-10L(28MHz) HFC-15L(21MHz) HFC-20L(14MHz) HFC-40L(7MHz) HFC-80L(3.5MHz)

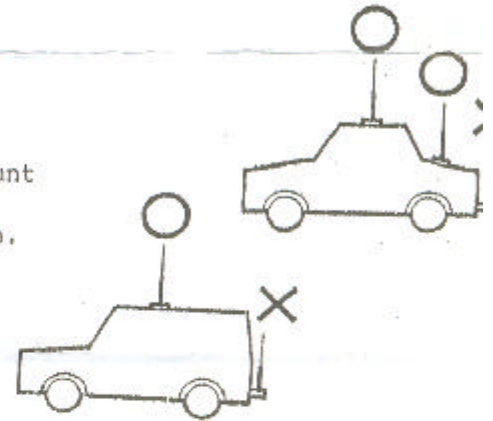
Heavy Duty & high efficient HF Mobile Antenna

Features:

- 1) Tough, heavy duty HF mobile antenna.
- 2) L.L. Circuit is involved for the matching system, which proved wide band coverage and easy VSWR adjustment.

Mounting Works:

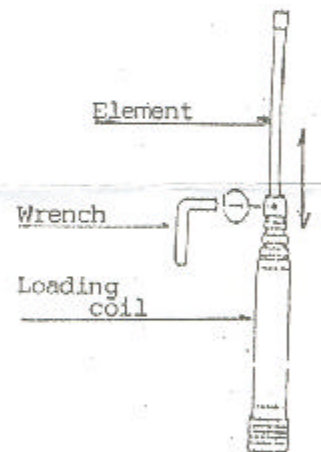
- *When mounting the antenna, please additionally prepare the mount and cable assembly, according to the desired mount locations.
- *Referring to the Right Figs., please decide the mount location.
- *The antenna is for HF, 1/4wave, which requires grounding to the car-body. The Set Screws of the mount are to be fixed directly to the car-body. When mounting to roof-rail, roof-carrier and/or mirror pipe, additional earthing works would be necessary.



Test Operation & VSWR Adjustment:

- *Test operation with lower power less than 10W.
- *When the desired frequency is higher than the center frequency, please extend the element, unfastening the Set Screw by the Wrench.

To find out higher frequencies, please shorten the element, or, you can cut off the element. But, please remark cutting off too much length.



* Frequency Shifting per each 1cm:

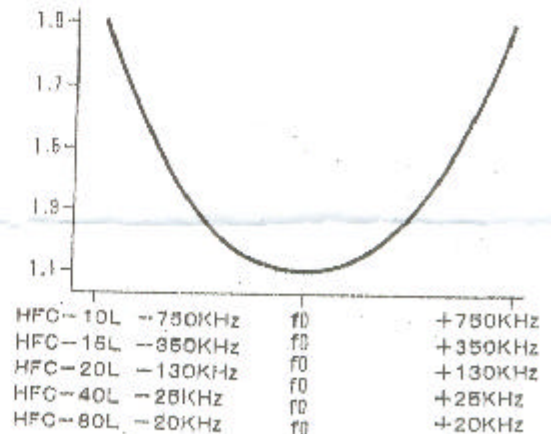
HFC-10L	120kHz
HFC-15L	80kHz
HFC-20L	50kHz
HFC-40L	20kHz
HFC-80L	8.5kHz

Specifications:

Type : 1/4wave, base loading
 VSWR : Less than 1 : 1.5
 Impedance : 50 ohm
 Connector : PL-259 (M-P) type
 Length, weight & Max Power:

-10L	1,515mm	245g	250W
-15L	1,515	250	250
-20L	1,515	275	250
-40L	1,870	330	200
-80L	2,110	530	120

VSWR Characters:



- Remarks:
1. Before start driving, please confirm the tight fastening of each set screws.
 2. Please also remark the total height of the antenna, to prevent hitting to tree branches or other obstacles.