

Operating Manual

Model: UHV-4

Multi Band Mobile Antenna
 For: 28MHz, 52.5MHz, 146MHz & 446MHz

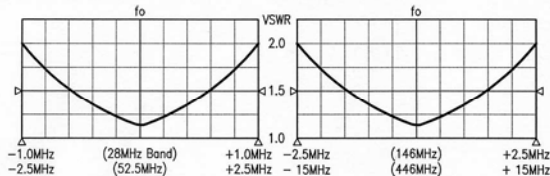
Many thanks for your best choice of our products.

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:

- Type : 28/50MHz 1/4λ reduction
 146MHz 1/2λ, 446MHz 5/8λ×2
- Gain : 2.15dBi(146MHz)/5.5dBi(446MHz)
- Max. Power : 120W/SSB(28MHz), 200W/SSB(50/146/446MHz)
- Impedance : 50 Ω ●V.SWR : Less than 1.5
- Connector : PL-259
- Max. Length : 1.34 m ●Weight : 610 g



Features:

- The UHV-4 combines 28/50MHz capability in a single antenna. 1.5:1 SWR range is narrower than single band antennas.
- 6M and 10M SWR adjustments are independent of each other. 2M/70cm is pre-tuned and not adjustable.
- 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 UHV-4 requires an SO-239 mount connector.
- If using a magnetic mount, be sure it is strong enough to hold the UHV-4 antenna.
- Mount the UHV-4 away from other antennas or metal objects. Due to being a 1/4 wave on 10/6M, the UHV-4 requires a sufficient ground plane. If high SWR is noticed, reposition the antenna until good SWR is found.
- The UHV-4 has been designed for best performance when attached to a well grounded lip mount rather than a hole drilled in a roof/trunk.

Element Adjustment:
 Approx. Frequency Shift
 by each 1 cm
 28MHz800KHz
 50MHz200KHz

