

44-UA25 MARINE APPLICATIONS AND INSTALLATIONS.

This antenna is of a Micro Screen design with US and International Patens Pending. The unique foil pattern increases performance and makes the antenna totally Omni directional with the signal unaffected by the direction the vehicle is traveling in relationship to the radio station. This advanced technology was derived from early low power satellites requiring a very high gain antenna design.

This antenna is designed to mount on any inside non-metallic surface. This eliminates the need to drill any holes and makes the antenna safe from external damage and the boat safe from any water leakage from mounting holes.

This antenna can be installed on virtually any boat, or specialty vehicle. It can be mounted either vertical or horizontal on a fiberglass or non-metallic panel. This provides for good performance with out the antenna being seen or susceptible to adverse climate and salt conditions.

The AM/FM performance is close, or equal to a conventional 31" external antenna (depending on location of antennas).

To install this Antenna it can be mounted:

- a. Vertical, on any window with the coupler installed about 2" 100mm up from the bottom of the window and about ½" 12mm in from the window edge.*
- b. Horizontal across the top of the window with the coupler about 2" 100mm in from the edge and about ½" down from the top.*
- c. In a boat or RV with a fiberglass or non metallic side or roof panel, mount the antenna as high as possible across the inside surface away from any other metal object. The antenna element should not be any closer than 1" 25mm from any other metal panel or object. There should be no metal between the antenna and the signal such as metal screens, panels, metal tinted windows or appliances.*

SPECIFICATIONS:

<i>Frequency of Antenna:</i>	<i>500 kHz to 800 MHz</i>
<i>Frequency of Antenna with filter:</i>	<i>500 kHz to 110 MHz</i>
<i>Micro Screen element length:</i>	<i>24½" 62 cm</i>
<i>Micro Screen element width:</i>	<i>3/8" 18 mm</i>
<i>Cable length:</i>	<i>72" 214 cm</i>
<i>Size of coupler:</i>	<i>W 1 5/16" 34mm</i>
	<i>H 7/8" 22mm</i>
	<i>D 7/16" 9mm</i>