

COMTELCO

Technical Specification

MS450U

430-490 MHz Unity Gain

MARINE ANTENNA

Reliable Performance: Rated at 250 watts and unity gain, you can expect years of continuous service.

Rugged Construction: The radiating elements are supported internally and constructed of copper alloy. They are then encased in a fiberglass radome for total environmental protection.

Elegant and Weatherproof: The fiberglass radome is ultraviolet inhibited. The brass mounting sleeve is triple plated chrome for an elegant look and superior weather protection.

Lightweight: These antennas are lightweight at less than 5 lbs. but are designed to easily withstand winds of over 100 MPH.

Simple Installation: The mounting sleeve mates with any standard 1" 14 thread marine mount. These antennas are supplied with a 18" white Teflon coax pigtail and a choice of connector. Optional marine mounts are available.

SPECIFICATIONS:

FREQUENCY

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| MS450U-B | 430-450MHz |
| MS450U-C | 450-470MHz |
| MS450U-D | 470-490MHz |

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| GAIN: | Unity |
| VERT BEAMWIDTH: | 70 degrees |
| BANDWIDTH: | 20 MHz @ <2.0:1 |
| POWER RATING: | 250 watts |
| IMPEDANCE: | 50 ohms |
| RADIATOR: | Internal copper alloy elements |
| RADOME: | White UV inhibited fiberglass |
| MOUNTING: | Chrome plated brass 1" 14 thread |
| TERMINATION: | 18" white Teflon coax cable |
| LENGTH: | 36" at lowest frequency |
| WEIGHT: | 4.5 lbs. |
| FLAT PLATE AREA: | .165 ft ² |
| WIND RATING: | 125 MPH |
| LATERAL THRUST: | 11.1 lbs. |



Antenna shown with optional M1034B chrome plated mount

Vertical Pattern

