

Technical Specification 430-490 MHz Unity Gain

MS450U 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

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

GAIN:	Unity
VERT BEAMWIDTH:	70°
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" (46cm) white Teflon coax cable
LENGTH:	36" (1.4cm) at lowest frequency
WEIGHT:	4.5 lbs. (2kg)
FLAT PLATE AREA:	.165 ft ²
WIND RATING:	125 MPH (201kph)
LATERAL THRUST:	11.1 lbs. (5kg)



Antenna shown with optional M1034B chrome plated mount

Vertical Pattern

