

COMTELCO

Technical Specification

MS450XL4.5

406-512MHz 4.5dBd Gain

MARINE ANTENNA

Reliable Performance: Rated at 250 watts and 4.5dBd 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 6 lbs. but are designed to easily withstand winds of over 125 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

MS450XL4.5-A	406-430MHz
MS450XL4.5-B	430-450MHz
MS450XL4.5-C	450-480MHz
MS450XL4.5-D	470-490MHz
MS450XL4.5-E	490-512MHz

GAIN:	4.5dBd
VERT BEAMWIDTH:	30 degrees
BANDWIDTH:	>20MHz @ <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:	60"
WEIGHT:	6 lbs.
WIND SURVIVAL:	125 MPH



Antenna shown with optional M1034B chrome plated mount

VERTICAL PATTERN

