

# COMTELCO

## Technical Specification

## MS450XL3

### 430-490 MHz 3dB Gain

### MARINE ANTENNA

**Reliable Performance:** Rated at 250 watts and 3dBd 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

MS450XL3-B	430-450MHz
MS450XL3-C	450-470MHz
MS450XL3-D	470-490MHz

<b>GAIN:</b>	3dBd
<b>VERT BEAMWIDTH:</b>	40 degrees
<b>BANDWIDTH:</b>	6 MHz @ <2.0:1
<b>POWER RATING:</b>	250 watts
<b>IMPEDANCE:</b>	50 ohms
<b>RADIATOR:</b>	Internal copper alloy elements
<b>RADOME:</b>	White UV inhibited fiberglass
<b>MOUNTING:</b>	Chrome plated brass 1" 14 thread
<b>TERMINATION:</b>	18" white Teflon coax cable
<b>LENGTH:</b>	36"
<b>WEIGHT:</b>	4.5 lbs.
<b>WIND SURVIVAL:</b>	100 MPH



Antenna shown with optional M1034B chrome plated mount

#### VERTICAL PATTERN

