

# COMTELCO

## Technical Specification

MS150U

### 144-174 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 welded and/or soldered to prevent any intermodulation. 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.

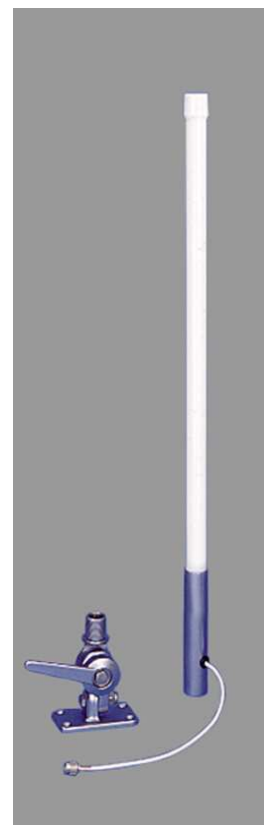
**Lightweight:** These antennas are lightweight at less than 8 lbs. but are designed to easily withstand winds of over 100 MPH.

**Simple Installation:** All of our marine antennas mate with standard 1" 14 thread marine mounts. Our standard antenna is shipped with 18" Teflon coax pigtail and a choice of connector. Optional terminations are available.

#### SPECIFICATIONS

Part No.	Frequency
MS150U-A	144-148MHz
MS150U-B	150-156MHz
MS150U-C	156-162MHz * Standard Marine Frequency
MS150U-D	162-168MHz
MS150U-E	168-174MHz

<b>GAIN:</b>	Unity
<b>VSWR:</b>	<1.5:1
<b>BANDWIDTH:</b>	6 MHz
<b>POWER RATING:</b>	250 watts
<b>IMPEDANCE:</b>	50 ohms
<b>VERT BEAMWIDTH:</b>	75 degrees
<b>RADIATOR:</b>	Internal copper alloy elements
<b>RADOME:</b>	White UV inhibited fiberglass
<b>MOUNTING:</b>	1" 14 thread standard marine mount
<b>TERMINATION:</b>	18" white Teflon, choice of connector
<b>LENGTH:</b>	60"
<b>WEIGHT:</b>	8 lbs.
<b>WIND SURVIVAL</b>	100 MPH +



Antenna shown with optional M1034 chrome plated mount