

# 6500-WB

4', 3dB BROAD  
 BAND VHF ANTENNA

## Product Number: 6500-WB

Built for maximum performance, this 4' broad band antenna is designed to endure the harsh environment and communication requirements in commercial, law enforcement and disaster management applications. Whether you install it on a vessel, base station, or a stationary platform, this antenna provides a host of mounting options to fit your need. No tuning or ground plane required. Cable not included.



Kit Includes:  
 Antenna, Rubber waterproofing shield, Mounting bracket, U-bolts, Hardware for U-bolts (Screws for bulkhead mounting not included)


### Features:

- Stainless steel mounting bracket
- Patent pending mount design
- Detachable antenna
- IP 67<sup>2</sup>, high wind rating, wide temperature range, PU coating

### Benefits:

- Corrosion resistant even in marine environments. 3 mounting options
- Install the U-bolts without removing hardware - no more lost hardware
- Handle mounting bracket easily without the weight of the antenna. Also, mount it on a large variety of Shakespeare® mounts with a 1"-14 thread<sup>1</sup>
- Built to last in rain, sun, ice, dust, water splashes and even corrosive marine environments



 Easy Installation

 Durable

 High Performance

 Commercial Grade

## TECHNICAL SPECIFICATIONS

Product Number: 6500-WB

Frequency	156-162 MHz, VSWR < 1.5:1	145-165 MHz, VSWR < 2:1
Nominal Impedance	50ohm	
Input Power Rating	100 Watts, continuous	
Gain	3dB	
Polarization (Pattern)	Vertical (Omnidirectional)	
Connector	UHF Female (SO-239 type)	
Recommended Cable	RG-8/U, RG-213/U or similar	
DC Ground	Yes – The antenna will read a short on a continuity test	
Height / Weight	4' (1.2m)	2.5 lbs (1.1 Kg)
Wind Rating	125 mph (55m/s)	
Ingress Rating	IP67 <sup>2</sup>	
Temperature Range	-67° F to 160° F (-55° C to 71° C)	
Finish	White, high-gloss, non-yellowing polyurethane finish	
Mounting	Stainless steel mounting bracket with U-bolts, for mounting on mast, rails, or screwed directly onto bulkheads	
RoHS Compliant	Yes	

<sup>1</sup>Requires a Shakespeare 4006 double female ferrule (not included).  
<sup>2</sup>When installed as instructed.