

Section 6

MARINE ANTENNAS

Updated 10 May 2011

ZM312V VHF Marine White Whip and Base

Frequency
156 – 162 MHz

Bandwidth
Full Band



Standing 47 cm tall, ZM312V is a wire wound fibreglass whip with white heatshrink cover and factory tuned for VHF marine communications across the 156 to 162 MHz band. The whip mounts onto the white OB-3 base supplied which has stainless steel and brass components to ensure long term service in the harsh marine environment.

The antenna is not ground independent and therefore must be mounted on a metallic surface at least 0.5 metres square for effective performance. Typical mount positions would be on the deck or cabin of an aluminium or steel boat.

5 metres of white RG58 low loss stranded cable bottom exits from the OB-3 antenna base and an FME female connector is fitted to the cable for easy installation.

An FME male to UHF male adaptor is also included in the kit to provide another common connector option.

ZW312V is the white top whip alone which can be ordered separately.

SPECIFICATIONS	ZM312V
Construction	Wire wound fibreglass whip, white heatshrink cover, chrome plated brass ferrule, 5/16"–26 TPI thread, white OB-3 mounting base with stainless steel and copper components
Frequency	VHF 156 – 162 MHz full band
Tuning	Factory
VSWR	Better than 1.5:1
Gain	2.1 dBi
Max Input Power	25 Watts
Impedance	50 Ohms
Polarisation	Vertical
H-Plane	360° Omnidirectional
Cable	5 metres of white RG58 low loss stranded cable bottom exits from the OB-3 mounting base
Connector	FME female connector fitted to the cable, and FME male to UHF male adaptor supplied
Height	47 cm including the mount base
Weight	350 grams
Ground Independent	No
Mounting	Must be mounted to a metallic surface at least 0.5 metres square for effective performance
Replacement top whip only	ZW312V (45 cm)

