

**Section 6**

**MARINE  
ANTENNAS**

Updated 10 August 2011

**ZM80 and ZM108  
27.88 MHz Marine Radio  
Deck Mount**



Suitable for 27.88 MHz marine radio communications, these ground independent deck mount antennas are a single piece construction. The internal radiator is copper and the end fed half wave design provides excellent performance.

The **ZM80** model stands 2.2 metres tall and **ZM108** is 2.5 metres. These antennas match the height and appearance of other deck mount models in the marine range.

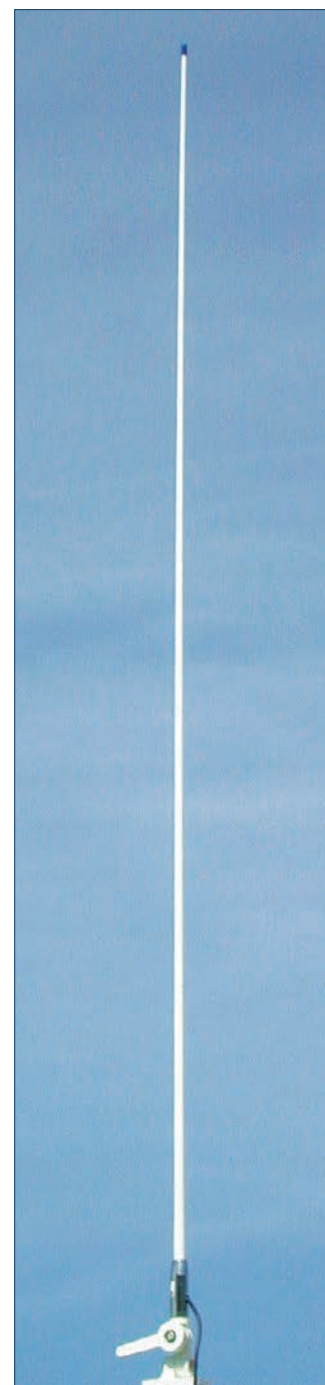
4.5 metres of RG58 stranded cable side exits from the chromed brass ferrule. Cut the cable to the shortest length necessary prior to fitting the UHF Male solder connector supplied.

All components used are of the highest quality to ensure long term survival in the harsh marine environment. These antennas will deliver reliable performance for many years.

The **MM1** folding deck mount supplied as standard is constructed from toughened plastic. This base folds down in two directions and also swivels in the opposite plane by loosening the stainless steel pivot bolt. This versatility allows the antenna to be mounted in a variety of positions on any flat surface and at any angle using four screws or bolts.

For those who prefer the ultimate in quality, durability and strength, the **MM2** folding deck mount is constructed entirely from stainless steel. To order either antenna with the stainless steel **MM2** deck mount, simply add the letters 'SS' to the Order Code.

Feeder cable, connectors, cable ties and tape are available separately to complete the installation.



SPECIFICATIONS	ZM80, ZM80SS	ZM108, ZM108SS
<b>Construction</b>	Single piece white fibreglass tapered radome, internal copper radiator, chromed brass ferrule with 1"-14 UNS female thread	
<b>Frequency</b>	<b>27.88 MHz Marine Radio</b>	<b>27.88 MHz Marine Radio</b>
<b>Tuning</b>	Factory	Factory
<b>VSWR</b>	Better than 1.5:1	Better than 1.5:1
<b>Gain</b>	<b>2.1 dBi</b>	<b>2.1 dBi</b>
<b>Max Input Power</b>	25 Watts	25 Watts
<b>Impedance</b>	50 Ohms	50 Ohms
<b>Polarisation</b>	Vertical	Vertical
<b>H-Plane</b>	360° Omnidirectional	360° Omnidirectional
<b>Cable</b>	4.5 metres of RG58 stranded cable side exits from the ferrule	
<b>Connector</b>	UHF Male solder connector supplied, not fitted (PL259)	
<b>Height (inc mount)</b>	2.2 metres	2.5 metres
<b>Weight (inc mount)</b>	1 kg, 1.75 kg	1.1 kg, 1.85 kg
<b>Folding Deck Mount Base Supplied</b>	<b>MM1 with ZM80</b> <b>MM2 with ZM80SS</b>	<b>MM1 with ZM108</b> <b>MM2 with ZM108SS</b>



The **MM1** folding deck mount supplied as standard is constructed from toughened plastic.



For those who prefer the ultimate in quality, durability and strength, the **MM2** folding deck mount is constructed entirely from stainless steel.



UHF Male solder connector supplied, not fitted. (Also known as PL259.)