

Section 6

MARINE ANTENNAS

Updated 26 August 2009

27 MHz Marine Deck Mount Antennas

Frequency	Bandwidth	Availability
27.680 – 27.980 MHz	Full	STOCK



Suitable for 27 MHz marine 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 2.8 metres. These antennas match the height and appearance of other deck mount models in the marine range.

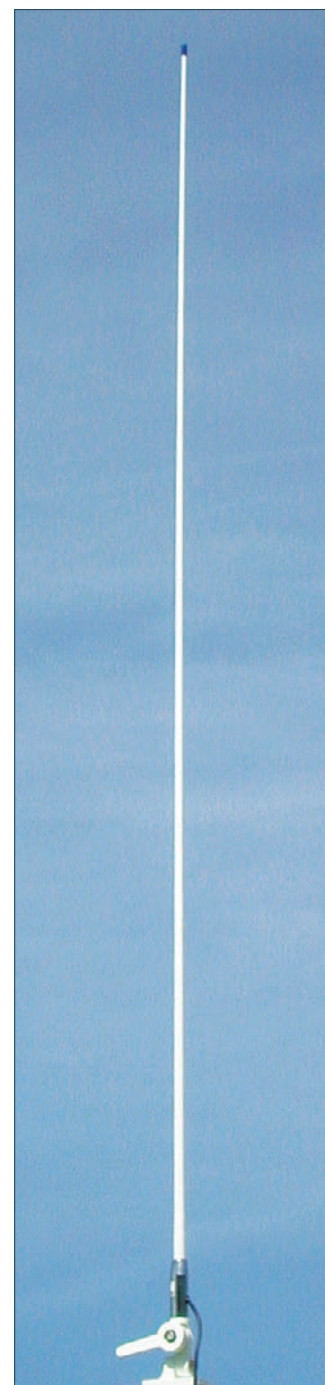
4.5 metres of RG58 stranded cable side exits from the chromed brass ferrule. Cut the cable to the shortest length necessary prior to fitting the UHF Male solder connector supplied.

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
Construction	Single piece white fibreglass tapered radome, internal copper radiator, chromed brass ferrule with 1"-14 UNS female thread	
Frequency	27.680 – 27.980 MHz	27.680 – 27.980 MHz
Tuning	Factory	Factory
VSWR	Better than 1.5:1	Better than 1.5:1
Gain	2.1 dBi	2.1 dBi
Max Input Power	6 Watts	6 Watts
Impedance	50 Ohms	50 Ohms
Polarisation	Vertical	Vertical
H-Plane	360° Omnidirectional	360° Omnidirectional
Cable	4.5 metres of RG58 stranded cable side exits from the ferrule	
Connector	UHF Male solder connector supplied, not fitted (PL259)	
Height (inc mount)	2.2 metres	2.8 metres
Weight (inc mount)	1 kg, 1.75 kg	1.1 kg, 1.85 kg
Folding Deck Mount Base Supplied	MM1 with ZM80 MM2 with ZM80SS	MM1 with ZM108 MM2 with ZM108SS



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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.)