

Section 6

MARINE ANTENNAS

Updated 1 April 2011

BM6-AM/FM and BM8-AM/FM AM/FM Radio Receive Deck Mount

Frequency	Bandwidth
530 KHz – 108 MHz	AM and FM Radio



Factory tuned to receive AM and FM Radio broadcasts while at sea, these deck mount antennas are a perfect match in both height and appearance to other ZCG Scalar “BM” series marine antennas.

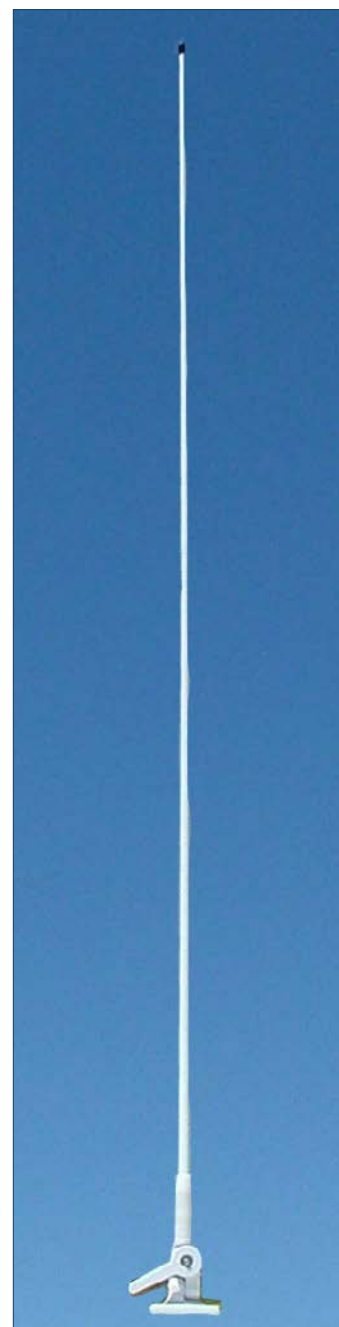
- ⇒ **BM6-AM/FM** stands 2 metres tall.
- ⇒ **BM8-AM/FM** is 2.5 metres tall.

The single piece white fibreglass radome is fully sealed to protect the copper internals ensuring long term survival in the harsh marine environment. The antennas are optimised in the factory for strong resonance across both the AM and FM radio frequencies.

4.5 metres of RG58 low loss stranded cable side exits from the folding base. A solderless “easy fit” car radio connector is supplied.

The **MM1** folding deck mount supplied 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.

The antenna must be in a vertical position for the optimum radio reception and can be folded down flat when not required.



SPECIFICATIONS	BM6-AM/FM	BM8-AM/FM
Construction	Copper wire internals, single piece white fibreglass radome, white delrin ferrule 1"–14 UNS female thread, MM1 base	
Frequency	AM Radio 530 to 1600 KHz and FM Radio 88 to 108 MHz	
Tuning	Factory	Factory
Gain	Receive only	Receive only
Impedance	50 Ohms	50 Ohms
Polarisation	Vertical	Vertical
H-Plane	360° Omnidirectional	360° Omnidirectional
Cable	4.5 metres RG58 low loss stranded cable side exits base	
Connector	Solderless “easy fit” car radio connector supplied	
Height (inc mount)	2.0 metres	2.5 metres
Weight (inc mount)	1 kg	1.5 kg
Folding Deck Mount Base Supplied	MM1	MM1

These antennas are identical in appearance to :

- | | |
|-------------------------|-----------------|
| BM6-27, BM8-27 | 27 MHz Marine |
| BM6-VHF, BM8-VHF | VHF 156-162 MHz |
| BM6-DB, BM8-DB | Mobile Phone |



An “easy fit” solderless car radio connector is supplied.



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