

Section 6

MARINE ANTENNAS

Updated 8 July 2009

MADB Multiband NEXT G and GSM Cellular Mobile Phone Marine Deck Mount Antenna

Frequency	Bandwidth	Availability
825 – 960 MHz	Full Band	STOCK



The **MADB** marine deck mount cellular mobile phone antenna provides multiband coverage of both **NEXT G** and **GSM** networks combined with an effective **6.2 dBi** gain. No metal ground plane is necessary.

Standing 90 cm tall, the fibreglass radome is available in 3 colours; White, Black or Brown. Specify your preference when ordering.

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 makes the **MADB** model a perfect choice for mounting to both recreational and commercial vessels alike on any flat surface and at any angle desired using four screws or bolts. The antenna can be folded down flat while not in use.

5 metres of RG58 low loss stranded cable side exits from the mount ferrule. The FME female connector fitted to the cable is rated for up to 30 watts input power.

This **MADB** model is identical in appearance to the **MA1100** antenna for AM/FM radio receive.

For those who prefer the ultimate in quality, durability and strength, the antenna is also available with the **MM2** folding deck mount which is constructed entirely from stainless steel. The order code is **MADBSS**.

SPECIFICATIONS	MADB	MADBSS
Folding Deck Mount Base Supplied	MM1 toughened plastic	MM2 stainless steel
Radome Colour	Specify either a White, Black or Brown radome colour when ordering	
Construction	Fibreglass radome, copper radiating elements, aluminium ferrule, delrin adaptor for base	
Cellular Mobile Phone Network Coverage	NEXT G and GSM combined 825 – 960 MHz Full Band	
Tuning	Factory	Factory
VSWR	Less than 1.6:1 across the full band	
Gain	6.2 dBi	6.2 dBi
Max Input Power	30 Watts	30 Watts
Impedance	50 Ohms	50 Ohms
Polarisation	Vertical	Vertical
H-Plane	360° Omnidirectional	360° Omnidirectional
Cable	5 metres of RG58 low loss stranded cable side exits from the aluminium ferrule	
Connector	An FME female connector is fitted to the cable	
Height (inc mount)	90 cm	90 cm
Weight (inc mount)	0.8 kg	1.55 kg
Mounting	Secure the folding base to any flat surface at any angle using 4 screws or bolts	



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

An FME female connector is fitted to the cable.

This antenna is usually mounted to the deck of a marine vessel. However, the folding swivel base is also perfectly suited for mounting to a caravan, motor home, trailer, outside on the fascia board of a building or any flat surface whatsoever.

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