

## Section 6

### MARINE ANTENNAS

Updated 18 February 2011

## MA675 and MA400 UHF Marine Deck Mount

Frequency  
**400 – 520 MHz**

Bandwidth  
**See Below**



These ground independent UHF marine deck mount antennas are a single piece construction and stand 2.2 metres tall, identical to other models in the marine range. The internal radiator is copper and the end fed half wave design provides excellent performance with 8.1 dBi gain.

- **MA675** is factory tuned for 477 MHz UHF CB Radio communications. This model is held in stock.
- **MA400** can be manufactured to cover any 1.5% bandwidth you specify within the UHF frequency range 400 to 520 MHz.

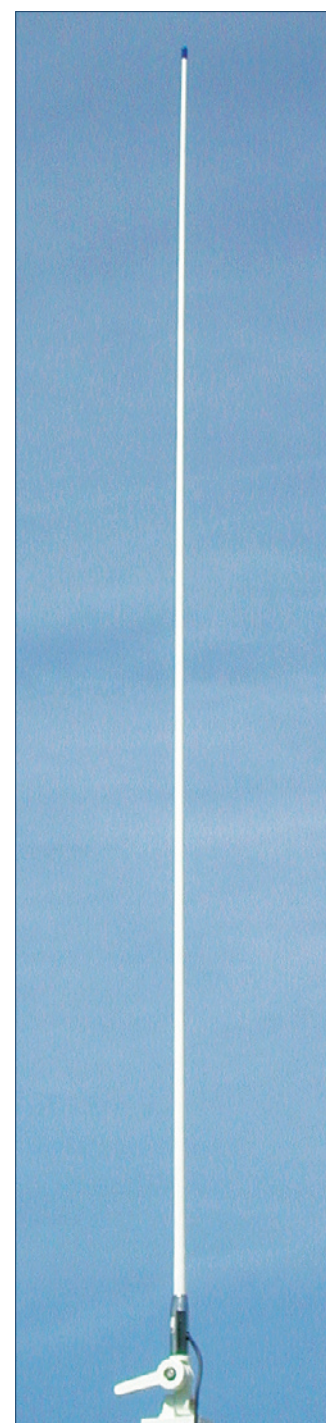
4.5 metres of RG58 stranded cable side exits from the chromed brass ferrule. Cut the cable to the shortest length necessary prior to fitting the UHF Male solder connector supplied.

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	MA675, MA675SS	MA400, MA400SS
<b>Construction</b>	Single piece white fibreglass tapered radome, copper internal radiator, chromed brass ferrule with 1"-14 UNS female thread	
<b>Frequency and Bandwidth</b>	<b>477 MHz UHF CB</b>	<b>Any 1.5% in UHF range 400 to 520 MHz, specify centre</b>
<b>Tuning</b>	Factory	Factory
<b>VSWR</b>	Better than 1.5:1	Better than 1.5:1 across 1.5%
<b>Gain</b>	<b>8.1 dBi</b>	<b>8.1 dBi</b>
<b>Max Input Power</b>	50 Watts	50 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	2.2 metres
<b>Weight (inc mount)</b>	1 kg, 1.75 kg	1 kg, 1.75 kg
<b>Folding Deck Mount Base Supplied</b>	<b>MM1 with MA675</b> <b>MM2 with MA675SS</b>	<b>MM1 with MA400</b> <b>MM2 with MA400SS</b>



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