



# HM208

## HF vertical radiator deck mount antenna HF 2-22MHz

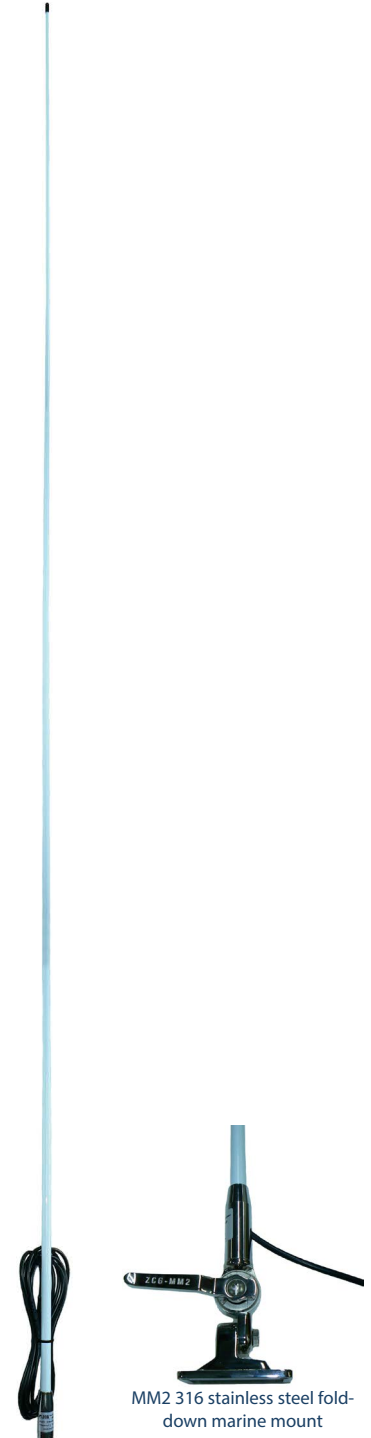


The HM208 deck mount antenna is suitable for all HF marine communications within 2-22MHz frequency range.

This antenna is designed to couple with transmitters via an Antenna Tuning Unit (A.T.U.). Customers should verify with their supplier whether their ATU specification will load the given length of radiator for this antenna at the lowest frequency required.

Alternative mounting hardware, water-proofing and other installation accessories are all available separately.

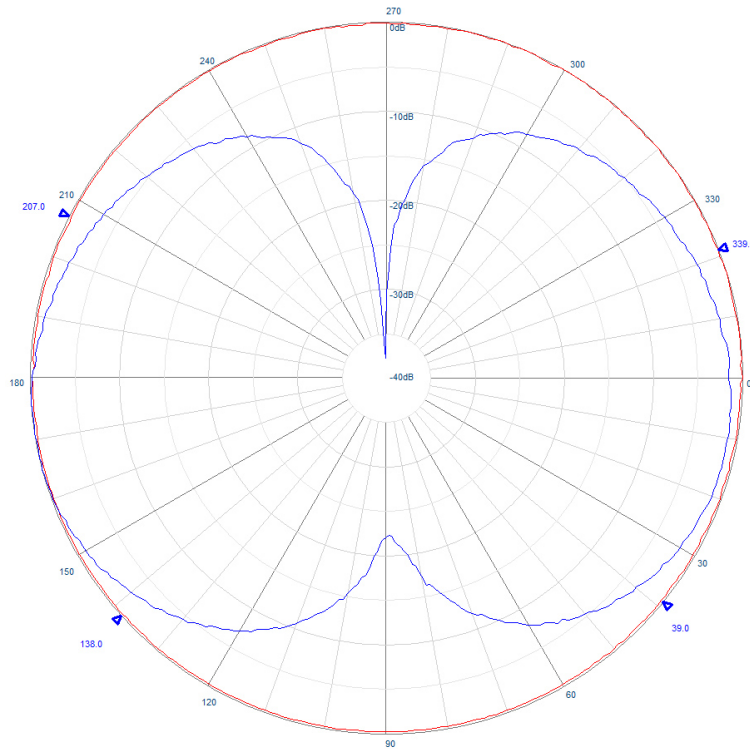
Construction	White fibreglass radome, chrome mount ferrule and 316 stainless steel dual axis fold down mount base
Frequency range	Marine HF 2-22MHz - using suitable A.T.U.
Tuning	Field tuning using A.T.U.
Gain	0dBd
Maximum power	250 Watts P.E.P.
Impedance	An A.T.U. is required to match to 50 Ohms
Polarisation	Vertical - do not lean/tilt
H Plane	360 omni-directional
Cable	5 metres 20kV single core cable - side exit from ferrule
Height	2.4 metres
Weight	3.0kg - incl. base
Mounting hardware supplied	MM2 316 stainless steel fold-down mount Alternatively ferrule can be fitted to MMA for mast/wall mounting with appropriate mounting brackets
Mounting position recommended	Mount as high on your vessel or structure as possible to ensure a true omni-directional signal pattern, such as the vessels roof.
Installation tools required	Flat head screw driver 14mm and 16mm spanners



MM2 316 stainless steel fold-down marine mount

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Example radiation pattern

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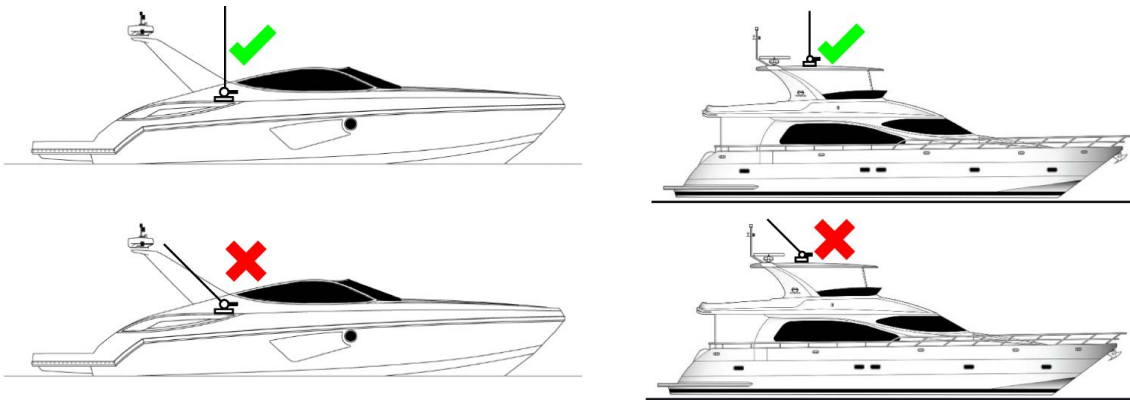
### Alternate mounting hardware

 <p>MM1 toughened white nylon dual axis fold down mount</p> <p>Requires mounting screws/ bolts and mounting hardware for antenna</p>	 <p>MM2-B black finish 316 stainless steel dual axis fold down mount</p> <p>Requires mounting screws/ bolts and mounting hardware for antenna</p>
 <p>MMA series - anodised aluminium mast mount adaptor 250-1200mm</p> <p>Requires mounting hardware EB1-SS or UB2-SS</p>	 <p>MMA-SS - 304 stainless steel mast mount adaptor 250mm</p> <p>Requires mounting hardware EB1-SS or UB2-SS</p>
 <p>CFB series - Galvanised steel 'J' hockey stick brackets, 1.1 - 2.1 metres.</p> <p>Requires mounting screws/ bolts and mounting hardware for antenna</p>	 <p>SFB Series - galvanised steel pole extension 0.9-2.0 metres Roof or overhang mounting</p> <p>Requires mounting screws/ bolts and mounting hardware for antenna</p>
 <p>A-2654-2 - aluminium extension pole 1.1 metres includes 2 x 48mm U-bolts</p> <p>Requires antenna mounting hardware</p>	 <p>EB1-SS - requires 2 304 stainless steel parallel clamp</p> <p>Boom: 20-40mm capability Mount pole: 25-45mm capability</p>
 <p>UB3-SS 304 stainless steel parallel clamp</p> <p>Boom: 20-32mm capability Mount pole: 20-50mm capability</p>	 <p>UB2-SS 304 stainless steel right-angle clamp</p> <p>Boom: 20-50mm capability Mount pole: 20-50mm capability</p>
 <p>RB8 Galvanised steel steel right-angle clamp</p> <p>Boom: 20-50mm capability Mount pole: 20-50mm capability</p>	

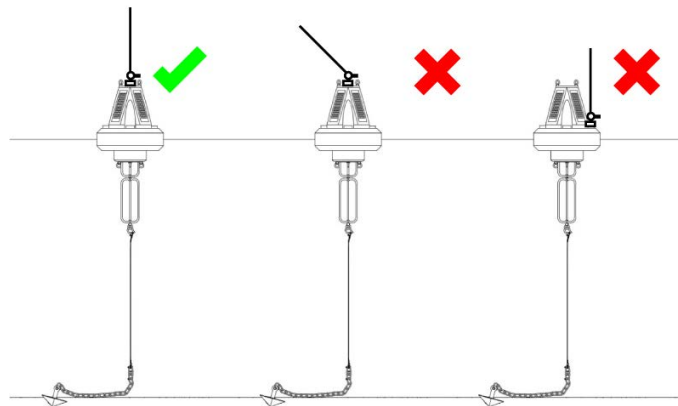
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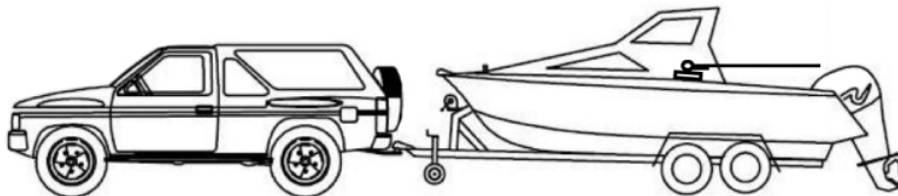
Recommended Installation orientation



Recommended Installation orientation - Buoy location



Recommended transportation orientation



ZCG recommend leaning/tilting the antenna down to parallel to the ground to eliminate any possible contact with overhead obstructions such as trees, overhead powerlines, entrance ways, roller doors or roof beams. Contact with obstructions will cause damage to your antenna or mounting surface.