

HM212 & HM215

Omnidirectional deck mount vertical radiator

Marine Radio or HF 2-22MHz



The HM212 and HM215 fold down collinears are designed for HF marine communications, on either a vessel or structure/tower.

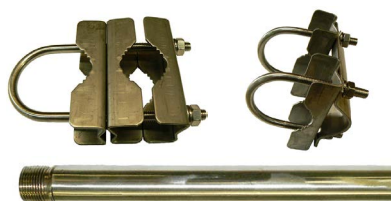
This antenna is designed to couple with transmitters via an Antenna Tuning Unit (A.T.U.). Customers should verify with their supplier whether their A.T.U. specification will load the given length of radiator for this antenna at the lowest frequency required.

Mounting hardware, water-proofing, bird-proofing and other installation accessories are all available separately.

	HM212	HM215
Construction	White fibreglass radome, chrome ferrule and 316 stainless steel fold down mount base	
Frequency range	Marine HF 2-22MHz	
Tuning	Field tuning using suitable Automatic Tuning Unit (A.T.U.)	
Gain	2.1dBi	
Maximum power	250 Watts PEP	
Impedance - nominal	An A.T.U. is required to match to 50 Ohms	
Polarisation	Vertical	
H Plane	360° omni-directional	
Cable	5.0 metres 20kV single core cable - side exit from ferrule	
Height - including mount	3.7 metres	4.5 metres
Weight - including mount	2.0kg	3.5kg
Mounting hardware	MM2 - 316 stainless steel fold-down mount supplied	
Alternate mounting order separate	MMA-SS - mast mount adaptor for tower/mast mounting using 2 x EB1-SS or UB3-SS - consult ZCG	
Mounting position recommended	Mount as high on your vessel/structure or tower as possible ensuring no obstructions.	



MM2 316 stainless steel dual axis fold down base included



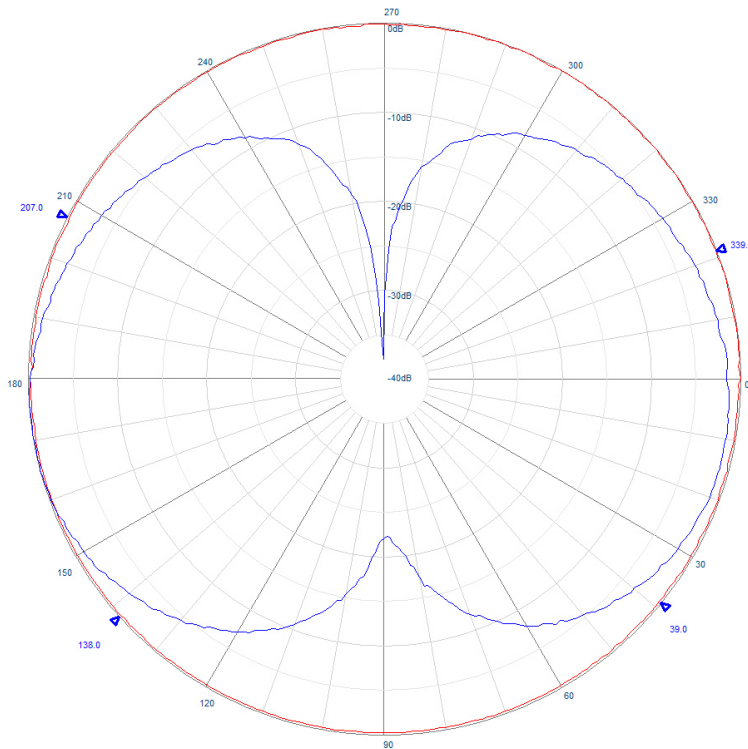
Alternate: MMA adaptor for mast mounting, requires either a EB1-SS (L) or UB3-SS (R)

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In-stock
Ready to
Ship



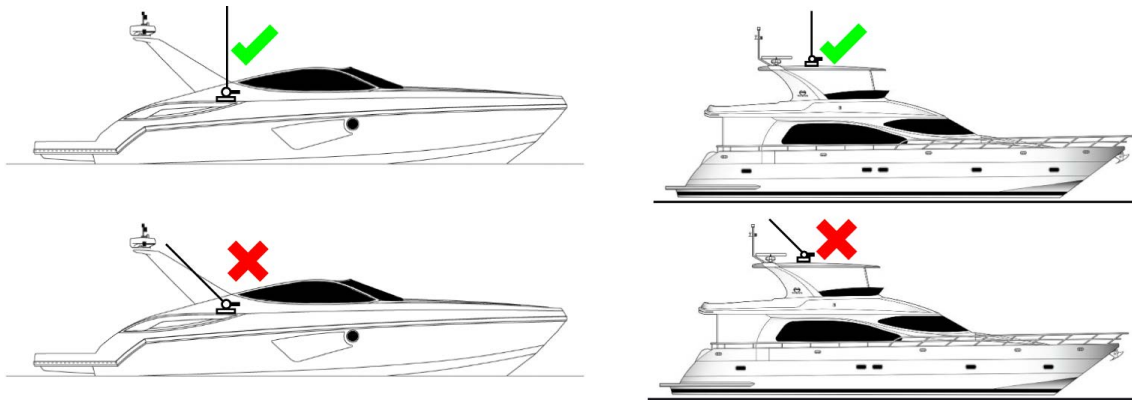
Example radiation pattern

HM212 & HM215

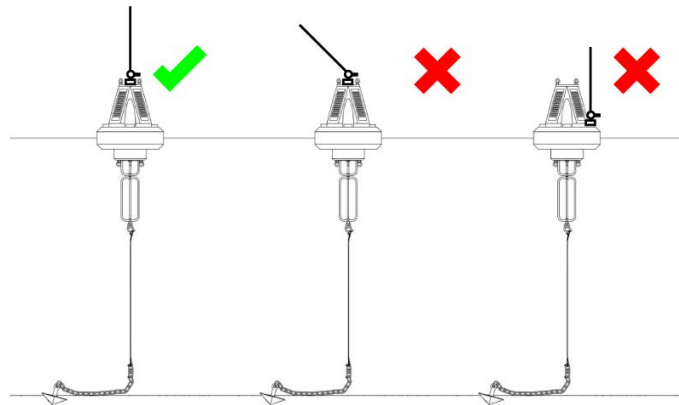
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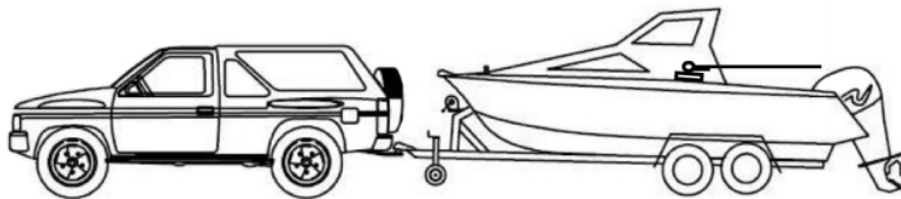
Recommended Installation orientation



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.