



HM300

Heavy-duty 3-piece vertical radiator Marine Radio or HF 1.6-30MHz

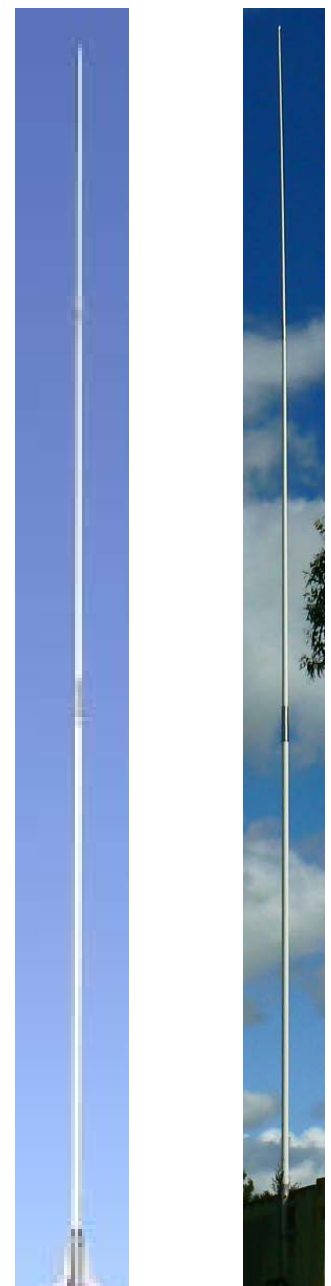


The HM300 is a free standing, marine HF radio, heavy duty mount antenna specifically designed for larger vessels or structure/tower installations. The HM300 delivers outstanding performance and is suited for extreme environments and high power applications.

Please note: Assembly of 3-piece construction is required before installation

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

Construction	3-piece white radome, stainless steel joining ferrules, stainless steel mount section and detachable termination cable
Frequency range	HF marine radio 1.6-30MHz
Tuning	Field tuning using suitable Automatic Tuning Unit (A.T.U.)
Gain	2.1dBi
Impedance - nominal	An A.T.U. is required to match to 50 Ohms
Maximum power	2 Kilowatts P.E.P.
Polarisation	Vertical
Cable	6 metres 20kV single core cable
Termination	Termination lug
Height	10 metres - assembled, 3.7m - packed
Weight	24kg
Mount section	350mm length x 60mm diameter x 4mm thickness
Projected area	0.283m ²
Wind load at 160kph	34.255kg, 0.336kN
Mounting hardware order separate	See following page for recommended mounting hardware Contact ZCG for alternative mast/tower mounting solutions
Mounting position recommended	Mount as high as possible on the vessel/structure or tower ensuring no obstructions.
Installation tools required	52mm, 48mm, 30mm and 27mm spanners for sectional securing



HM300 fitted into A-1429
deck or roof mount
bracket

HM300 fitted into
A-1429-2 wall mount
bracket

Improved
Product

HM300

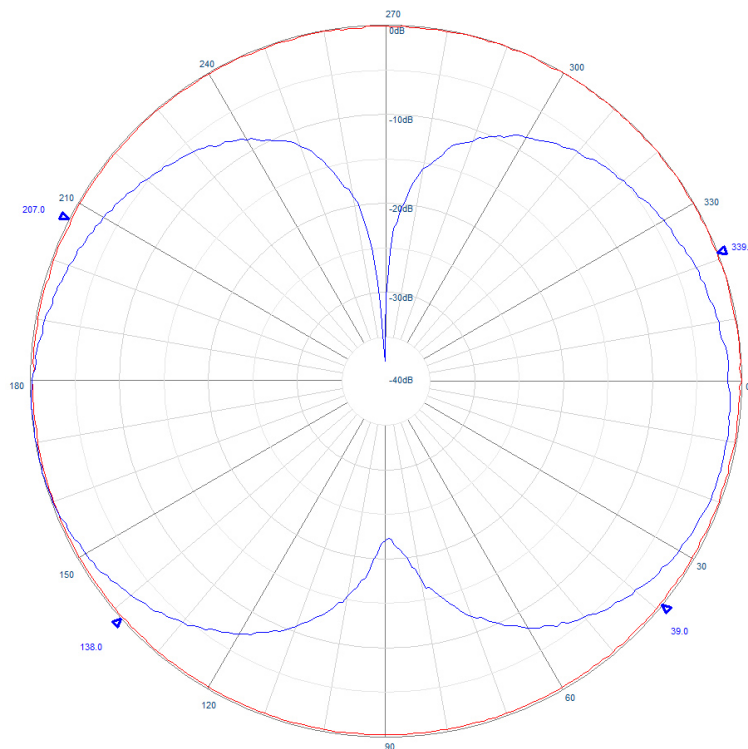
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Build
To
Order

	1429 heavy duty deck mount
Construction	Fully-welded 304 grade stainless steel body and components
Dimensions	H: 313mm, Dia: 300mm, base plate thickness: 8mm
Mount bolts supplied	2 x M12 bolts/washers/nuts
Mounting holes	4 x 14mm holes



	1429-2 heavy duty wall mount
Construction	Fully-welded 304 grade stainless steel body and components
Dimensions	H: 305mm, W: 350mm Hole placement: W: 270mm, H: 200mm
Mount bolts supplied	2 x M12 bolts/washers/nuts
Mounting holes	4 x 14mm holes



Example radiation pattern