

HM218-M & HM223-M

Marine HF

The HM218-M and HM223-M are suitable for all HF marine communications.

These antennas offer top performance together with a two-piece lightweight construction enabling easy dismantling and storage.

This antenna is designed to couple with transmitters via an Antenna Tuning Unit (ATU). 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.

Water-proofing, bird proofing and other installation accessories are all available separately.

Specifications	HM218-M	HM223-M
Construction	Two-piece white radome, chrome joining ferrule and stainless steel mount tube	
Frequency Range	Marine HF 2-22MHz (using suitable ATU)	
Tuning	Field tuning using ATU	
Gain	2.1 dBi	2.1 dBi
Maximum Power	500 Watts PEP	1,400 Watts PEP
Impedance (nominal)	An ATU is required to match to 50 Ohms	
Polarisation	Vertical	Vertical
Cable	6 metres 20kV single core cable	
Termination	Terminating Lug	Terminating Lug
Height	6 metres	8.1 metres
Weight	3Kg	8Kg
Projected Area	0.136m ²	0.215m ²
Wind Load at 160kph	16.46Kg, 0.163kN	25.99Kg, 0.255kN
Mount tube	600mm x 38mm	840mm x 50mm
Mast Mounting (order separate)	2 x UAM180L	2 x UAM180L
Side Mounting (order separate)	2 x NSM218	2 x NSM223
Replacement Parts	HM218-TPM	HM223-TPM

