

Section 1

BASE STATION ANTENNAS

Updated 14 February 2011

HM2800 "Coastguard" 27 MHz Marine Collinear

Frequency
27.680 – 27.980 MHz

Bandwidth
FULL



Built to full commercial specifications, the HM2800 "Coastguard" 27 MHz marine base station antenna will survive long term in the most severe weather conditions and hostile environments.

Standing 6.2 metres tall, the brass and cable internals are fully sealed inside a strong white fibreglass radome and stainless steel mount tube.

The 1 metre cable tail is terminated with an N-Female connector rated for up to 50 watts input power.

Mast mounting clamps, feeder cable, connectors and cable fittings are available separately to complete the installation.

SPECIFICATIONS	HM2800
Construction	White fibreglass radome, brass and cable internals, stainless steel mount tube
Frequency	27.680 – 27.980 MHz
Tuning	Factory
Return Loss, VSWR	Better than -15 dB, < 1.5:1
Gain	0 dBd (=2.1 dBi)
Max Input Power	50 Watts
Impedance	50 Ohms
Polarisation	Vertical
H-Plane	360° Omnidirectional
Cable Tail	1 metre of RG213
Connector	N-Female fitted to the cable
Height	6.2 metres
Weight	7 kg
Mount Tube	500 mm long x 50 mm diameter
Mounting Clamps (Not Supplied, order separate)	2 x UAM180L heavy duty galvanised steel parallel clamps are recommended. Suit round mast between 40 mm and 75 mm in diameter.

