



MMD2400

BROADBAND MARINE DIPOLE ANTENNA FOR UHF AIR BAND COMMUNICATIONS

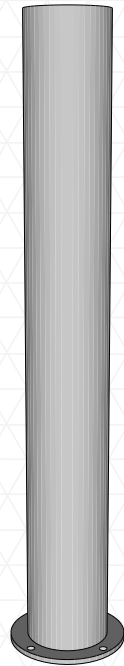
The MMD2400 is a rugged, dipole system, designed to provide wideband omnidirectional transmit and receive communications over the 225-400 MHz aviation band.

Radiation is vertically polarised and is omnidirectional in the azimuth plane providing excellent ground to ground as well as ground/sea to air communications with minimum signal attenuation.

Construction is lightweight yet extremely rugged, being designed to meet military standards for, vibration and shock. This ensures a high degree of strength ensuring a long operational life.

The aluminium antenna elements are encapsulated within a heavy duty fibreglass radome and isolated from the environment to minimise problems associated with static discharge.

The antenna is fully marinised, being finished with a high durability coating, highly resistant to chemical attack, abrasion and the effects of ozone and ultra-violet radiation.



SPECIFICATIONS ▼

	STANDARD	OPTIONAL
Colour	APO Grey	Other colours to order
Frequency Range	225-400 MHz.	
Overall Length (approx)	710mm	
Radiator Diameter	82.5mm	
Base Diameter	133mm	
Impedance	50Ω nominal	
Power Capability	500W CW	
Gain	2dBi	
VSWR	<2.5:1	
Pattern	Omnidirectional	
Polarisation	Vertical	
Wind Survival	Designed to withstand wind velocities of 190 km/h no ice	
Centre of Gravity	31cm	
Temperature	-50 to +65°C	
Connector	N type in centre of base	
Mounting	Aluminium flange base with 4 equally spaced 9mm holes on 117.5mm PCD	
Weight	2.5kg	



CONTACT DETAILS ▼

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Moonraker products represent the pinnacle of antenna design. With over 45 years' experience supplying Defence, Commercial and Recreational industries. Moonraker antennas are individually tuned and manufactured to our stringent extreme marine quality standards that ensure maximum performance and service life.



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