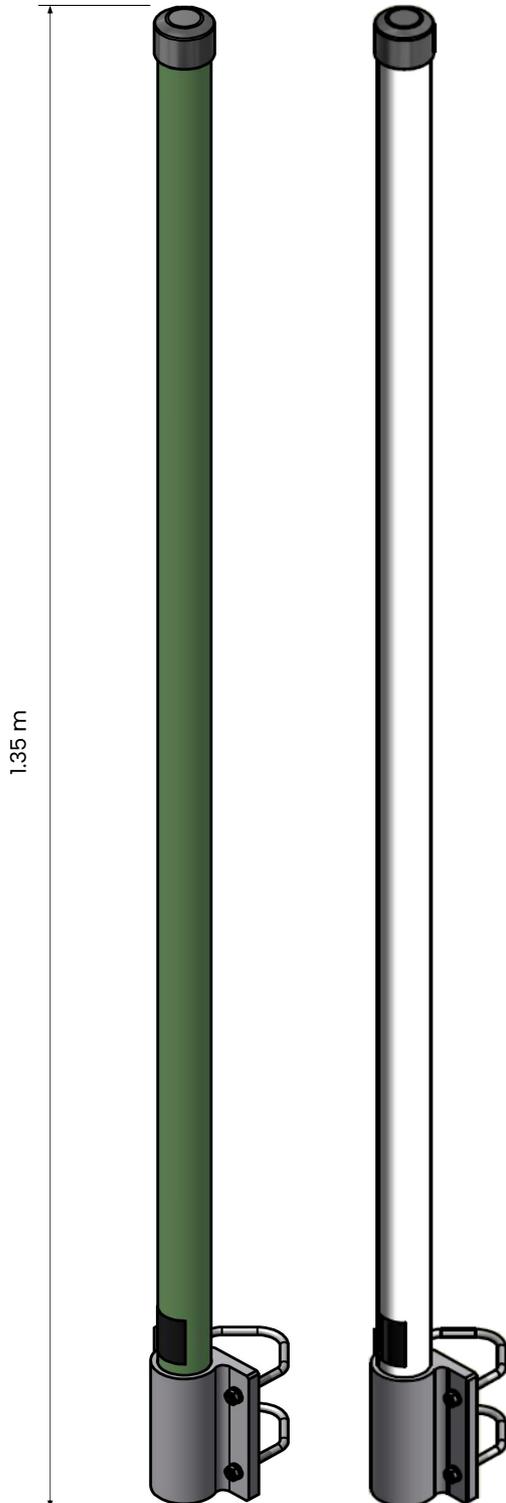


VHF108200M

VHF, 1 dBi, one piece whip, dipole, end feed, mast mount, 1.35 m, 108–200 MHz

Commercial and Marine Antennas



Application

The VHF108200M is a broadband centre fed (dipole) antenna covering the 108–200 MHz frequency range.

The antenna needs no adjustments for different frequencies as all the tuning elements are within the whip.

As a centre fed (dipole) antenna it operates independently of any ground plane.

Electrical Specifications

Frequency Range	108–200 MHz
VSWR	< 2.5:1 136–174 MHz < 3:1 108–185 MHz < 3.5:1 185–200 MHz (see diagram overleaf)
Nominal Impedance	50 Ω
Power Rating	50 W continuous for 15 minutes
Gain	See curve
Radiation Pattern	Azimuth: Omnidirectional Elevation: See diagram
Polarisation	Vertical
Connector	N female, DC grounded (others on request)

Mechanical Specifications

Design	Centre fed dipole. Radiating element completely enclosed in epoxy/fibreglass laminate. Metal parts are brass and stainless steel.
Length	1.35 m
Weight	1.7 kg
Wind Rating	55 m/s = 201 kph
Finish	Polyurethane lacquer, colour on request
Temperature Range	– 55°C to + 71°C
Installation	See over page

Colour options available for land based and shipboard applications

Mounting

Pole Mounting

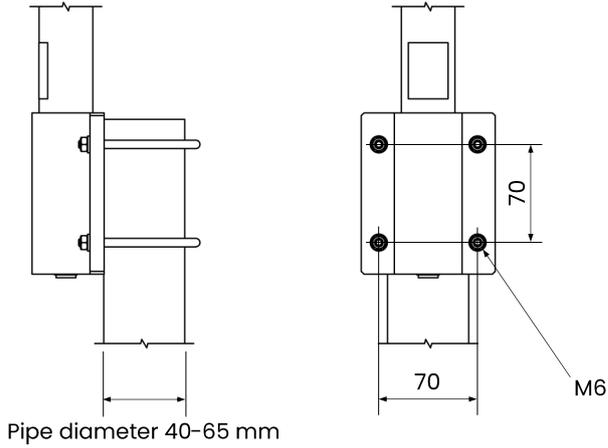
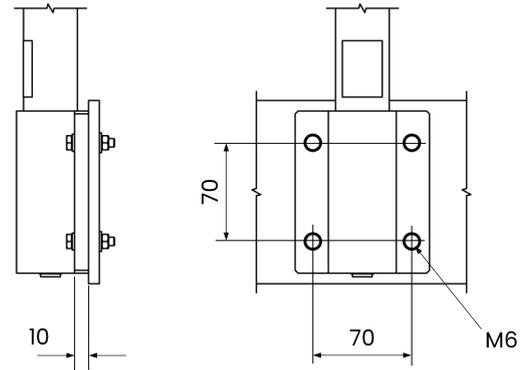
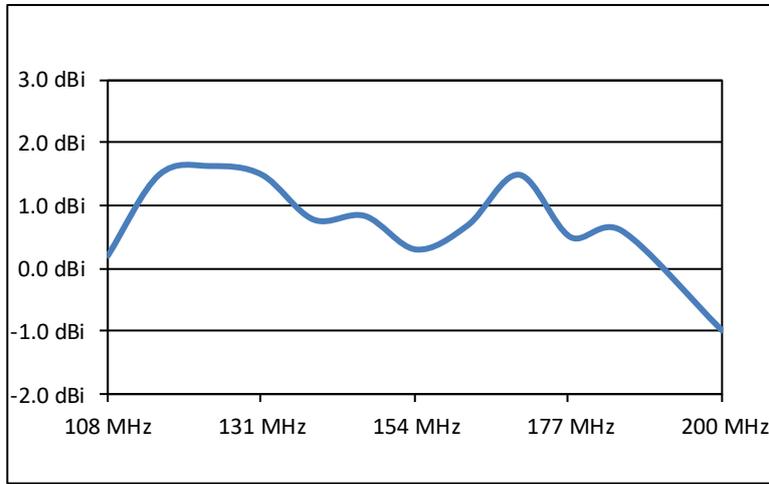


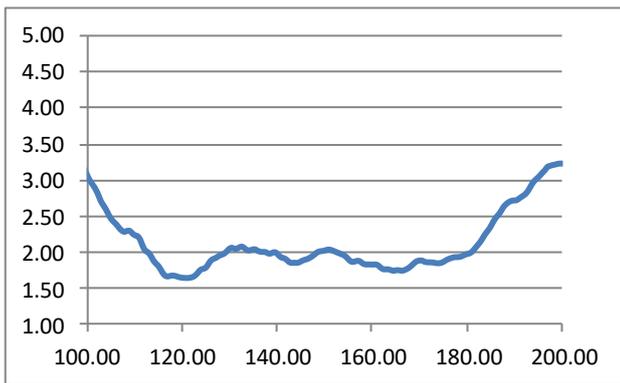
Plate Mounting



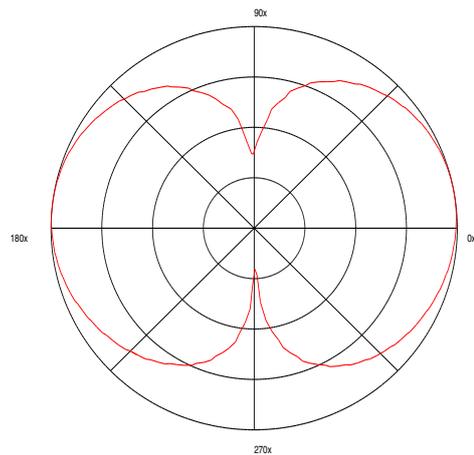
Gain



VSWR



Radiation Pattern (typical elevation)



February 2021

All specifications are subject to change without notice
The information contained herein is for reference only and does not constitute a warranty of performance

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