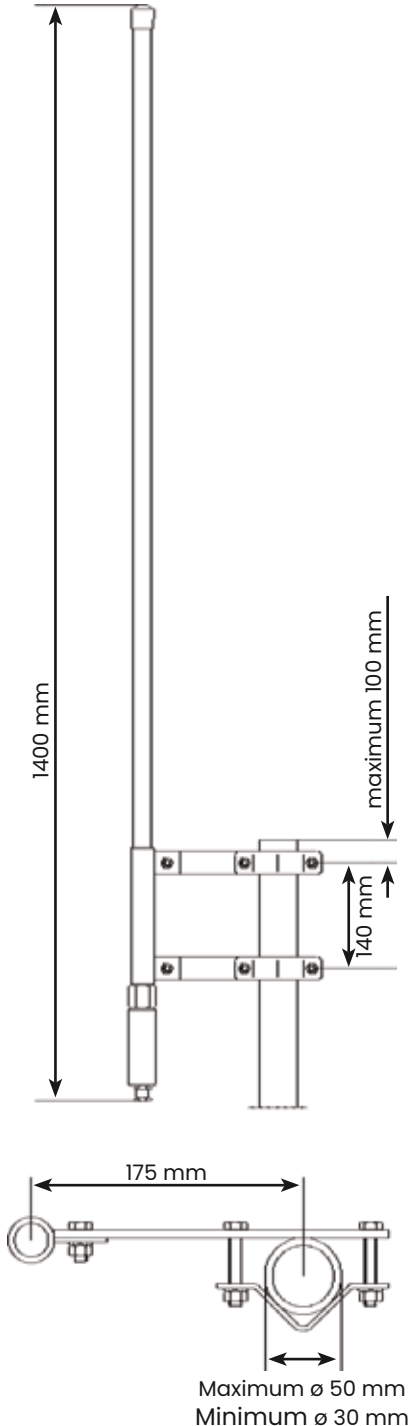


AV6K and AV6K-U

1.4 m, VHF, 2 dBi, one piece whip, dipole, end feed, N connector, mast mount, 153-170 MHz

Tactical Antennas: Tactical and Base Station



Application

The AV6K is a rugged high quality dipole antenna designed for the marine VHF radio telephone service. It is a high quality antenna with a durable construction and a beautiful finish for installation on all kinds of vessels.

Electrical Specifications

Frequency Range	156-162 MHz, VSWR < 1.5:1 153-170 MHz, VSWR < 2:1
Nominal Impedance	50 Ω
Power Rating	200 W
Gain	2 dBi
Pattern	Horizontal plane: Omnidirectional Vertical plane: Typical dipole
Polarisation	Vertical
Connector	AV6K N female AV6K-U UHF Female
DC Grounded	Yes

Mechanical Specifications

Design	Centre-fed coaxial dipole. Radiating elements completely enclosed in polyurethane foam within a fibreglass tube. Hot dip galvanised mounting hardware.
Height	1.4 m
Weight	1.3 kg, ex. clamps 2.2 kg with clamps
Wind Rating	55 m/s = 201 km/h
Moment of Flexure	3.0 kpm at 55 m/s
Finish	Polyurethane lacquer, white
Temperature Range	- 55°C to + 55°C
Water Proofing	IP67

Mounting

The AV6K may be mounted to two welded brackets or clamped onto a mast or post. Clamps of type ATC are included. Connector is protected by a plastic tube with stuffing nut.

Suitable cable: RG8, RG213 or similar.

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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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