

# COMROD AV6K-U

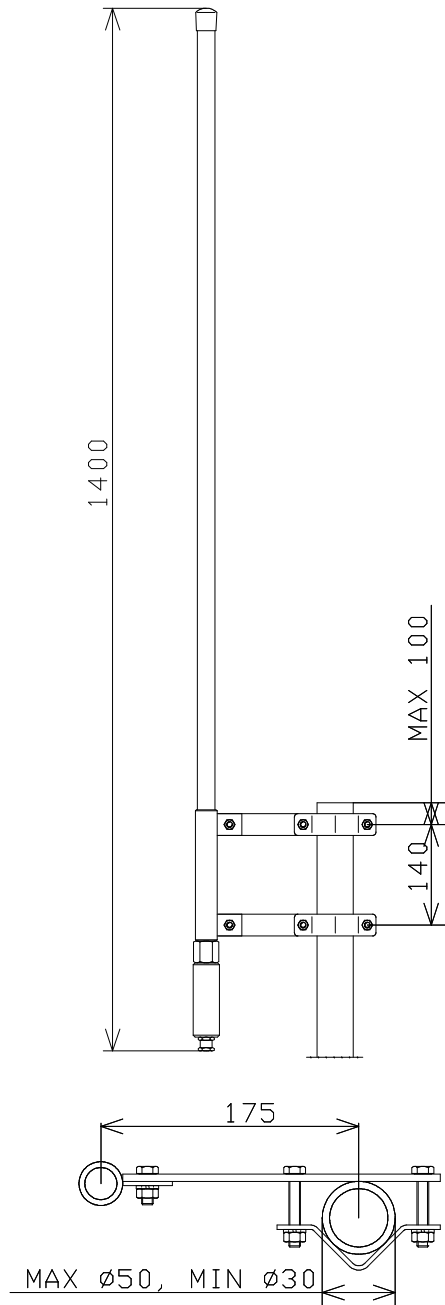
## 4,5' - Marine VHF Antenna

### Application:

The AV6K-U 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<br>153-170 MHz, VSWR < 2:1 |
| Nominal impedance | 50 ohm   |
| Power rating      | 200 W  |
| Gain              | 2 dbi  |
| Pattern           | Horizontal plane: Omnidirectional                    |
| Polarization      | Vertical   |
| Connector         | N or UHF female are standard                         |
| DC-grounded       | Yes  |



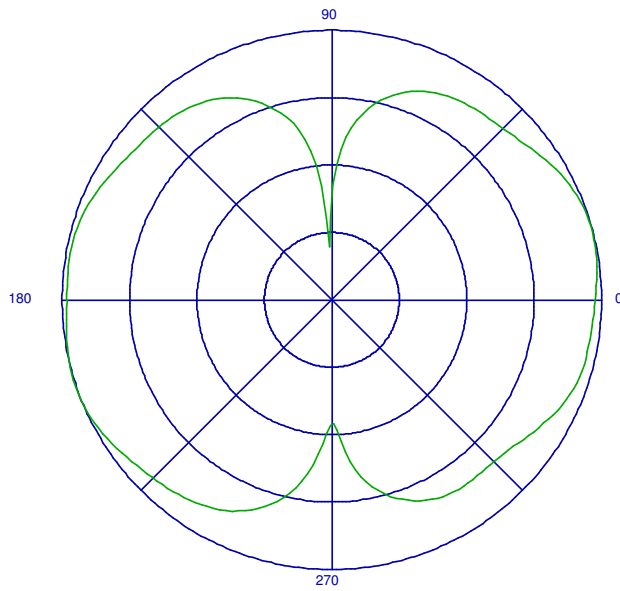
Dimensions in mm.

### Mechanical specifications:

|                   |   |
|-------------------|---|
| Design            | Centerfed coaxial dipole. Radiating elements completely enclosed in polyurethane foam within a fiberglass tube. Hot dip galvanized mounting hardware. |
| Height            | 1.4 m   |
| Weight            | 1.3 kg, ex. clamps, 2.2 kg with clamps  |
| Wind rating       | 55 m/s = 125 mph  |
| Moment of flexure | 3.0 kpm at 55 m/s   |
| Finish            | Polyurethane lacquer, white   |
| Temperature range | -55 °C, +55 °C; -67 °F, +131 °F   |

### Mounting:

The AV6K-U may be mounted to two welded brackets or clamped on to 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.



Radiation diagram.