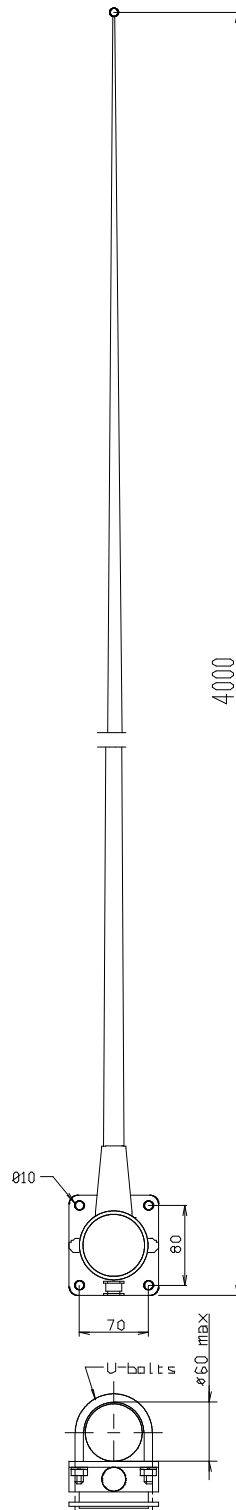


# COMROD AR11M

## Distress Frequency Receiving Antenna, 2182 kHz



### Application:

AR11 is a coil-loaded receiving whip antenna especially developed for use on the marine distress call frequency 2182 kHz.

### Electrical specifications:

Frequency range	1-3 MHz
Pattern	Omnidirectional
Polarization	Vertical
Gain	18 dB over plain whip of same length at 2182 kHz in 50 ohms system

### Mechanical specifications:

Design	Selfsupporting coil loaded fiberglass whip with bronze armature for mounting and connection.
Height	4 m (13.5 ft)
Weight	2.6 kg, including U-bolts.
Number of sections	1
Wind rating	55 m/s = 125 mph
Moment of flexure	11 kpm at 55 m/s
Deflection due to wind load	2.6 m (8.7 ft) at tip ball at 55 m/s wind load
Finish	Polyurethane lacquer, white
Temperature range	-55 °C, +55 °C; -67 °F, +131 °F

### Mounting:

AR11 is easily mounted to the bulkhead by means of 4 holes in the bronze bracket, or to a mast or tube with U-bolts. The U-bolts in stainless steel, are included.

For detailed mounting instructions see drawing no: 06-6-025  
Suitable cable: RG8, RG213 or similar.

Cable inlet: Pg11