

COMROD AR10A/MF

1m Active MF Marine Receiving Whip

Application:

AR10A/MF is an efficient active fibreglass receiving antenna for frequencies between 0.25-2MHz. It is intended for use together with a Navtex or Differential- GPS receiver. The antenna has good large signal handling characteristics, and is also very sensitive. The power supply is via the coaxial cable from the receiver.

Electrical specifications:

The antenna is protected against static discharges and surges at the power line.

Frequency range	0.25-2.5 MHz
Pattern	Omnidirectional
Polarization	Vertical
Impedance	50Ω
Antenna factor	0.1 - 1
Supply voltage	9-15V
Sensitivity	0.025uV/√HZ for 0dB S/N at 500KHz
Connector	UHF female is standard

Mechanical specifications:

Design	Fibreglass whip with amplifier in the base.
Height	1.1 m (3.6 ft)
Weight	0.9kg, including U-bolts.
Number of sections	1
Wind rating	55 m/s = 125 mph
Moment of flexure	2.5 kpm at 55 m/s wind load
Finish	Polyurethane lacquer, white
Temperature range	-55 °C, +55 °C; -67 °F, +131 °F

Mounting:

AR10A/MF is easily mounted to the bulkhead by means of 4 holes in the aluminum bracket, or to a mast or tube with U-bolts. The U-bolts in stainless steel, are included.

Suitable cable: RG58, RG213 or similar.

