Mackay Marine
MODULAR MF/HF ANTENNAS

High quality and high performance fiberglass rod antennas
Transmitting antennas for simplex and duplex SSB
Receiving antennas for MF/HF and SSB

Application

The modular system is our answer to the GMDSS. The antennas can be part of any MF/HF communication system but is specially designed to satisfy the demands of the GMDSS.

Depending on the equipment and the traffic pattern of the vessel you can choose between antennas of 6, 7 or 8 m length.

Different installations demand different mounting possibilities. The modular system provides you with all the solutions you need:

* Installation in mast or post or directly to wall.
* Installation on welded brackets.
* Flange or deck mounting with side feed.
* Flange or deck mounting with end feed.

The flange mounted, side feed versions can be fitted with a manual or electrical tilting device.

The antennas can be equipped with connecting kit for transmitting/transceivers (AT-Kit) or a kit for receiving (AR-Kit). The receiving kit can be with matching transformer (AR/T-Kit).

Receiving antennas can be supplied with protection against static discharges that can harm the receiver. Contact COMROD for prices and delivery time.

Mechanical specifications	
Design	Self-supporting fiberglass rod with aluminum or HMC mounting hard-ware.
Height	6 m (20 ft) 7 m (23 ft)
Weight	6 m: 7.0 kg 7 m: 7.6 kg
Sections	6 m: Base: AXB22 Bracket, side feed: AXB22D flange, end feed: AXB22D/S Flange, side feed Top: APB41 7 m: Base: AXB32 Bracket, side feed AXB32D Flange, end feed AXB32D/S Flange, side feed Top:APB41 8 m: Base: AXB42 Bracket, side feed AXB42D Flange, end feed AXB42D/S Flange,
Wind rating	55 m/s = 125 mph
Moment of flexure	6 m: 53.3 kpm at 55 m/s 7 m: 75.3 kpm at 55 m/s
Deflection due to wind load	6 m: 2.4 m (8 ft) at tip ball at 55 m/s wind load
Finish	Polyurethane lacquer, white
Temperature range	-55 °C, +55 °C, -67° F, +131 °F
Ice buildup	Not affected

COMROD AV7M VHF Antenna (1.3M) including mounting kit is also available.