

COMROD AT73/H3

24' Marine HF Antenna

Application:

AT73/H3 is a high quality fiberglass HF antenna for marine coastal and SSB telephony bands. It is designed for use on pleasure craft, but the high quality means it may be used on all kinds of vessels.

The antenna is side fed, and the bottom bracket does not need to be insulated.

UPS Shippable

Electrical specifications:

Frequency range	1.6-30 MHz
Power rating	1 kW PEP
Static capacitance	70 pF @ 2MHz
Polarization	Vertical
Pattern	Omnidirectional
Electrical length	6.8 m (23 ft)
Feed system	Open wire, side fed

Mechanical specifications:

Design	Fiberglass whip in three sections. Chrome plated
Height	24' (7,30 m.)
Weight	5.1 kg
Sections	Base: 8 ft (2.45m) Middle section 8 ft (2.45m) Top whip: 8 ft (2.45m)
Wind rating	55 m/s = 125 mph
Moment of flexure	85 kpm at 55 m/s
Deflection due to wind	4.2 m (10 ft) at tip ball with 55 m/s wind load
Finish	Polyurethane lacquer, white
Temperature range	-55 °C, +71 °C, -67 °F, +160 °F
Ice build-up	Not affected

Mounting:

The antenna is mounted at the superstructure with a UNS1"x14 base, and a 1 ½" support at least 0.5m above the base. Support and base not included.

These dimensions means that all standard mounting accessories can be used.

