



Mounting:

The AT100DS/H is well suited for mounting on a pedestal or flange. We recommend the AG21 or AG26 lead through insulator, if the tuner is placed indoors. The flange holes are matched to M12 bolts.

Application:

AT100DS-H is a high quality glassfibre transmitting antenna with side feed for marine coastal and HF telephony bands. It matches well all modern SSB marine telephony transmitters. Four top whips gives it improved electrical characteristics.

Electrical specifications:

Frequency range	1.6-30 MHz
Power rating	1.5 kW PEP
Impedance	See diagram on reverse side
Pattern	Omnidirectional
Polarization	Vertical
Electrical length	14.5 m (48 ft)

Mechanical specifications:

Design	Self supporting fibreglass rod with stainless steel flange.
Height	10 m (33 ft)
Weight	23.1 kg
Sections	Base section: ATB51S 17.0 kg Top section: APB50 2.6 kg Top whips: 4 x APB3 3.8 kg
Wind rating	55 m/s = 125 mph
Moment of flexure	400 kpm at 55 m/s
Deflection due to wind load	5.5 m (18 ft) at tip ball at 55 m/s wind load
Finish	Polyurethane lacquer, white
Temperature range	-55 °C, +55 °C; -67 °F, +131 °F
Options	End Feed

Installation of cable

