



Mounting:

The AT101D is well suited for mounting on top of the radio cabin. If the feeding insulator is not long enough, extensions are available. The flange holes are matched to M12 bolts.

Application:

AT101D is a high quality glassfibre transmitting antenna, with bottom feed for marine coastal and HF telephony bands. It matches well with 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 CW
Capacitance at CF	145 pF
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		