



FIGURE 1: Antenna Dimensions

- The ABT-100 HF antenna consists of two parts. In this model, the section marked as part 1 is 2 meters long, and part 2 is 8 meters long.
- With a total height of 10 meters, this modular structure is optimized for efficient signal transmission and reception.
- The ABT-100 is an omnidirectional transceiver antenna, designed and manufactured with the principles of durability, reliability, and high efficiency, taking into account the harsh conditions of marine environments.
- With its excellent design, it provides users with uninterrupted and dependable communication.

ABT-100 HF RECEIVER-TRANSMITTER ANTENNA TECHNICAL PARAMETERS

Operating Frequency Range	1.6MHz-30MHz
RF Output Power	1kW
Ground Isolation	10° Ohm
Polarization	Vertical
Diffusion Model	Equal Radiation in All Directions
Length	10 m
Weight	65 kg
Colour	RAL7000/7001/7032
Working Temperature	-40°C+70°C
Wind Resistance	150 km/h
Static Capacity	100 pf

- Waterproofing: Compliant with IP67 standard and subjected to MIL-STD-810F Method 506.4 testing.
- Vibration and Shock Resistance: Tested according to MIL-STD-810F Method 516.5-3 for transportation durability.