



FIGURE 1: Antenna Dimensions

- The ABR-100 HF antenna consists of two parts. The first section is 2 meters long, and the second section is 8 meters long.
- The ABR-100 is an omnidirectional HF band antenna, designed and manufactured with consideration for harsh marine conditions. With its superior design in terms of durability and efficiency, it provides users with uninterrupted and reliable communication.
- Waterproofing: Complies with the IP67 standard and has successfully passed MIL-STD-810F Method 506.4 tests.
- Vibration and shock resistance: Tested according to MIL-STD-810F Method 516.5-3, suitable for transportation conditions.

ABR-100 HF RECEIVER-TRANSMITTER ANTENNA TECHNICAL PARAMETERS

Operating Frequency Range	1.6MHz-30MHz
RF Output Power	1kW
Ground Isolation	10 ⁹ Ohm
Polarization	Vertical
Diffusion Model	Equal Radiation in All Directions
Length	10 m
Weight	30 kg
Colour	RAL7000/7001/7032
Working Temperature	-40°C+70°C
Wind Resistance	150 km/h
Static Capacity	95 pf