



FIGURE 1: Antenna Dimensions

- The ABR-80 HF antenna consists of two parts.
- In the ABR-80 model, the section marked as part 1 is 2 meters, and part 2 is 6 meters in length.
- The ABR-80 is an omnidirectional HF band antenna, designed and manufactured with consideration of harsh marine conditions.
- With its superior design in terms of durability and efficiency, it provides users with reliable and uninterrupted communication.
- Waterproofing: Complies with the IP67 standard and has successfully passed the 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-80 HF RECEIVER-TRANSMITTER ANTENNA TECHNICAL PARAMETERS

Operating Frequency Range	1.6MHz-30MHz
RF Output Power	1kW
Ground Isolation	10 <sup>9</sup> Ohm
Polarization	Vertical
Diffusion Model	Equal Radiation in All Directions
Length	8 m
Weight	25 kg
Colour	RAL7000/7001/7032
Working Temperature	-40°C .....+70°C
Wind Resistance	150 km/h
Static Capacity	70 pf