



FIGURE 1: Antenna Dimensions

- The ABT-80 HF antenna consists of two main parts. In our ABT-80 model, the section marked as part 1 is 2 meters long, while part 2 is 6 meters long.
- The ABT-80 is an omnidirectional HF band transceiver antenna, meticulously designed and manufactured by taking into account the harsh conditions of marine environments.
- Standing out with its high durability and superior efficiency, this model offers users reliable and uninterrupted communication capabilities.

ABT-80 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	8 m
Weight	52 kg
Colour	RAL7000/7001/7032
Working Temperature	-40°C+70°C
Wind Resistance	150 km/h
Static Capacity	79 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.