

Mobile HF Antenna AK503



Brief description

The HF Antenna AK503 has been especially designed for mobile use. It features short erection and disassembly times, little space requirement for installation and transportation, combined with good electrical characteristics.

Through an optimized design taking account of the propagation conditions in the medium and shortwave range, the Antenna AK503 provides high reliability of radiocommunications for a mobile system.

Switchover between the three operating modes is done manually at the antenna head.

- Coverage of all distance ranges
- No skip zone
- Omnidirectional coverage with high-angle radiation (NVIS)
- Omnidirectional coverage up to 1000 km due to null fill-in
- Installation time approx. 10 min

Specifications

Frequency range	1.5 to 30 MHz
Max. input power	150 W CW and PEP
Operating modes	
Mode 1	1.5 to 30 MHz
Mode 2	optimized for 6 to 26 MHz
Mode 3	for ground-wave communication and distances >2000 km
Max. wind speed	120 km/h
Operating temperature	-40 to +55°C
Length including guy rope	35 m
Height ¹⁾	7 to 11 m
Weight	6 kg

Recommended extras

Antenna Tuning Unit	FK2100
Ground Plane	AZ001

¹⁾Recommended mast height 6 to 10 m