

# Mobile HF Antenna System AK501A4



## Brief description

The HF Antenna System AK501A4 has been especially designed for mobile use. It features short erection and disassembly times, little space requirement for installation and transportation, combined with high-grade electrical characteristics.

Through an optimized design taking account of the propagation conditions in the medium and shortwave range, the Antenna System AK501A4 provides very high reliability of radiocommunication for a mobile system.

The antenna system comprises two antennas (high-angle antenna and vertical antenna), which can be selected by remote control.

- Radiocommunication over any distance
- No skip zone
- Omnidirectional coverage with high-angle radiation (NVIS)
- Complete omnidirectional coverage even at medium distances due to null fill-in
- Stationary operation using high-angle antenna and vertical antenna selected by remote control
- Mobile operation using whip antenna

## Specifications

Frequency range	1.5 to 30 MHz
Polarisation	horizontal or vertical, switchable
Max. input power	400 W CW and PEP
Max. wind velocity	100 km/h
Operating temperature range	-40 to +55°C
Length (incl. guy ropes)	46 m
Height	11.5 m
Weight	12 kg