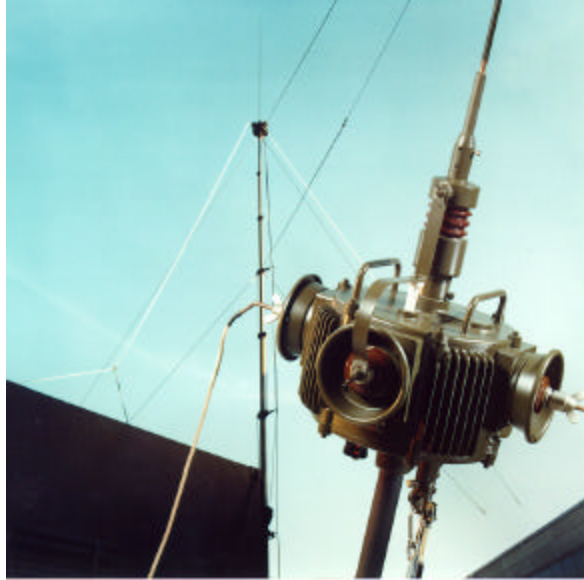


Mobile HF Antenna System AK501



Brief description

The HF Antenna System AK501 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 AK501 provides very high reliability of radiocommunication for a mobile system. The antenna system comprises of two antennas (high-angle antenna and vertical antenna), which can be selected by remote control.

- Radiocommunications 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
Polarization	horizontal or vertical, switchable
Nominal impedance	50 Ω with ATU
VSWR	< 1.5 with FK859 (typ. 1.1)
Max. input power	1.15 kW CW and PEP
Max. wind velocity	100 km/h
Operating temperature range	-40 to +55°C
Length (incl. guy ropes)	57 m
Height	16.5 m
Weight	30 kg

Recommended extras

Antenna Tuning Unit FK 859
Ground Plane AZ 001