

The antenna KUA-35/7-TA (AT-1743) is tactical HF adjustable wire dipole antenna for the frequency range from 2 to 30 MHz. It is intended for use with portable and manpack HF radio stations. The antenna is primarily designed to be erected as horizontal dipole. The antenna could be supported by trees or similar objects or could be used with some appropriate tactical portable masts such as ST series of fiberglass masts.

The antenna is composed of center dipole junction box and two dipole wire elements calibrated with marker sleeves indicating the length necessary for particular frequency. The dipole wire elements are wound on the polypropylene reels which are used also as insulators. Each dipole element has 20 m of nylon rope for fixing it on the objects. The antenna comprises also 10 m coaxial cable for connection the antenna to the radio.

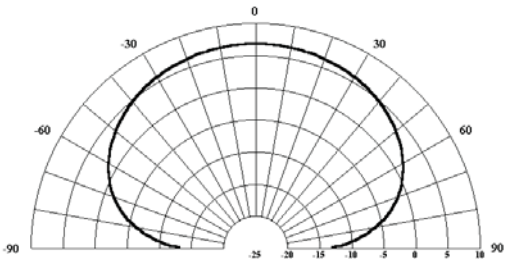
All parts of the antenna are made of materials tested on MIL-STD-810. A special kevlar reinforced wire is used for dipole wire elements. All metal parts are made of stainless steel or they are galvanically protected. All elements are packed in a small linen bag suitable for transport.



TECHNICAL SPECIFICATIONS	
Frequency range	2-30 MHz
Impedance	50 ohm
VSWR	< 1,5
Maximum power	100 W CW
Min. mounting height	8 m
Length of dipole	2 x 34 m
Mass	2.3 kg
Input connector	BNC



KUA-35/7
Typical Vert. Radiation Pattern



KUA-35/7
Typical Horiz. Radiation Pattern

