

The antenna KUA-35/7-TB is tactical HF adjustable wire dipole antenna for the frequency range from 1.6 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 or in "inverted V" configuration. The antenna could be supported by trees or similar objects or could be used with some appropriate tactical portable mast 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 with throwing weight for erecting. There is also a 15m long coaxial cable in the package for connection between the antenna and the radio station. All parts of the antenna are made of materials tested on MIL-810-C standards. 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 linen bag suitable for transport.



Part no. 1: Coaxial cable RG-58/U MIL-C-17 with two male BNC connectors, length 15 m

Frequency range	1.6-30 Mhz
Impedance	50 ohm
VSWR	< 1,5
Maximum power	100 W CW
Min. mounting height	8 m
Length of dipole	2 x 42 m
Mass	3 kg
Input connector	BNC



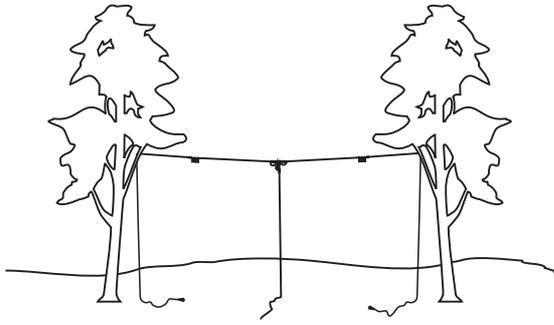
Part no. 2: Dipole junction box,



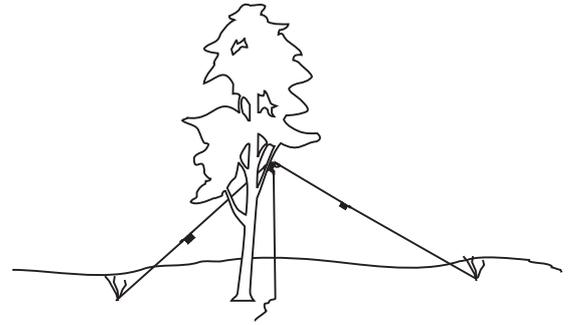
Part no. 3: Dipole wire element (42 m) with rope (20m) and throwing weight, on plastic reel



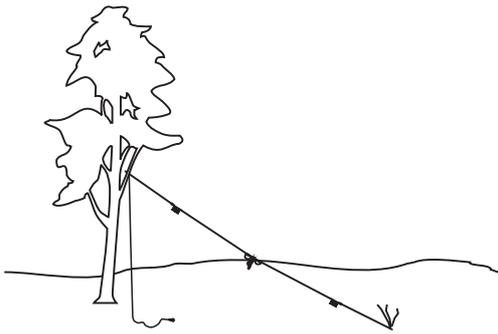
Part no. 4:
Linen bag



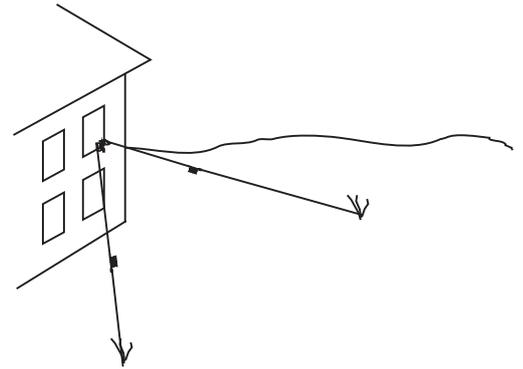
Typical horizontal dipole configuration



Inverted V configuration



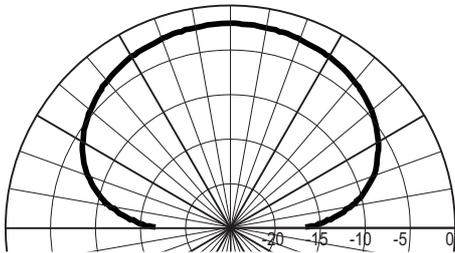
Sloping configuration



Sloping V configuration

KUA-35/7-TB

Typical Vertical Radiation Pattern



Typical Horizontal Radiation Pattern

