RF 13.8

DESCRIPTION

The antenna has a multi-band character determined by an effectively designed adjusting member. It is formed by a radiator made of an insulated cable of 2m length, a multi-band adjusting element in the bottom part of the radiator, two wire counterpoises of 2.5m length and of a feeding coaxial cable of 5m length terminated by a BNC male - 50Ω connector. The antenna is delivered with an aluminium made reel and with a bag.

DESIGNED FOR

The antenna is designed for portable radio-stations that temporarily operate from a fixed site.
They require increase in radio-connection range and are especially effective in forest areas.
The antenna can be effectively used in operation from closed object, shelters, cellars, trenches etc.
A strong selling point of this antenna is larger gain in comparison with common portable radio-station whip antennas.
The antenna is used so that its upper part is suspended as high as possible at any non-metal object.
The antenna is light-weight and easy to manipulate. It can be easily assembled as a cheap temporary substitute for an omni-directional base antenna. The antenna must not be installed on electric mains, electric mains poles or in their surroundings – danger of injury.

TECHNICAL SPECIFICATIONS

Type			**RF 13.8**
Frequency range		MHz	30 ÷ 88
Signal range for common undulating ground	Output Tx power 0.2 W	km	approx. 4
	Output Tx power 5 W	km	approx. 15
VSWR			≤ 4
Impedance		Ω	50
Input power		W	12.6
Radiation pattern			omnidirectional
Connector			type “BNC” - male
Temperature range		°C	-30 ÷ +60
Length of antenna radiator		m	2
Length of joined cable		m	5
Packed antenna weight		kg	0.43

EXTENSION CORD

Model number	RCAK 400 11
Connectors	type “BNC” male / female
Length of joined cable m	10
Packed antenna weight kg	0.32

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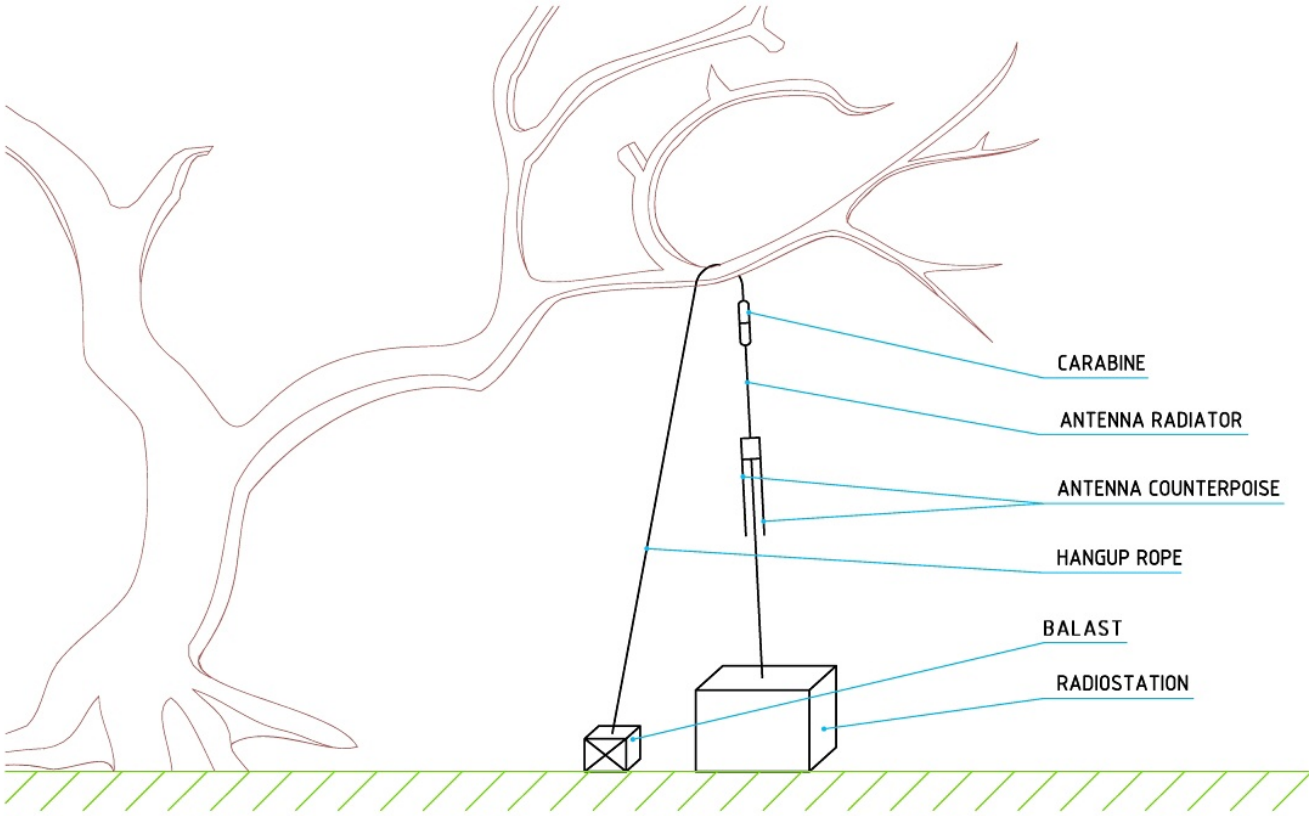
instance assembly



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