

# PD13 - Long-wire antenna

Type designation: **PD13**

NSN: **5985160038730**

PN (RN): **2036.100.10**

KČN: **0064681101577**

The directional long-wire antenna is used for range enlargement in a given direction. The antenna can be installed as half rhombic (inverted) or Beverage. The antenna includes an extension cable to increase the distance between the antenna and the transceiver. The antenna's azimuth pattern is narrowly directional, therefore, the antenna's direction should be determined with the help of a map and a compass.

## Technical parameters

<b>Frequency range</b>	30 MHz to 88 MHz
<b>Design</b>	half rhombic/Beverage
<b>Impedance</b>	50 $\Omega$
<b>VSWR</b>	max. 4
<b>Power rating</b>	30 W
<b>Radiation pattern</b>	directional
<b>Connector</b>	BNC termination
<b>Operating temperature range</b>	-30 °C to +60 °C
<b>Dimensions of bagged device</b>	H 830 mm x W 150 mm x D 100 mm
<b>Weight (including the bag)</b>	3.5 kg

## List of parts

<b>Directional long-wire antenna</b>	1 pc
<b>Extension cable 10 m</b>	1 pc
<b>Hang-up cord 15 m</b>	1 pc
<b>Antenna supports</b>	4 pc
<b>Weight</b>	1 pc

<b>Guy pegs</b>	6 pc
<b>Compass</b>	1 pc
<b>Bag</b>	1 pc