

# RF13.8 - Hang-up antenna

Type designation: **RF13.8**

NSN: **5985160024749**

PN (RN): **2036.100.11**

KČN: **0064681101065**

This antenna is used for operation of the RF13 transceiver from trenches, forests or from buildings. The antenna consists of a halyard for raising antenna, an antenna element, an impedance matching unit in the bottom part of the antenna element, two 2.5 m counterpoises and a 5 m coaxial cable terminated with a BNC connector. The antenna is reeled on an aluminum alloy winch. Its main advantage consists in the possibility of its raising to a higher position than can be achieved by the whip antenna. In this way, the range of RF13 can be increased to 15 km.

## Technical parameters

<b>Frequency range</b>	30 MHz to 88 MHz
<b>Impedance</b>	50 $\Omega$
<b>VSWR</b>	max. 4
<b>Power rating</b>	12.6 W (10 W + 1 dB)
<b>Radiation pattern</b>	omnidirectional, with vertical polarization
<b>Connector</b>	BNC termination
<b>Operating temperature range</b>	-30 °C to +60 °C
<b>Antenna length</b>	2 m
<b>Power supply cable length</b>	5 m
<b>Weight</b>	0.5 kg

## Optional accessories

Type designation	PN (RN)	Name
	6000001104	Extension cable