

# AL1301 - Long tape antenna 1.1 m

Type designation: **AL1301**

NSN: **5985160015375**

PN (RN): **2037.100.01**

KČN: **0064681101236**

This is a basic type antenna for RF20 or RF1301 transceivers. This antenna can also be used with the RF13. The antenna proper consists of a flexible steel tape, covered by a plastic sleeve. The steel tape makes it possible to bend the antenna at any point, the minimum bending radius is 1 cm. The antenna is electrically connected to the transceiver via a BNC connector, mechanical resistance is secured by a screw joint on the transceiver and a cap nut on the antenna. This proved method ensures a high mechanical resistance during motion on terrain and in case of a possible falling of the transceiver. The design of the antenna makes it possible to fold it to the length of 0.25 m.

## Technical parameters

<b>Frequency range</b>	25 MHz to 146 MHz
<b>Impedance</b>	50 $\Omega$
<b>VSWR</b>	max. 6
<b>Power rating</b>	up to 5 W
<b>Directional pattern</b>	omnidirectional
<b>Operating temperatures</b>	-30 °C to +60 °C
<b>Whip length</b>	1.05 m
<b>Weight</b>	0.19 kg