

# AS1301 - Short tape antenna 0.5 m

Type designation: **AS1301**

NSN: **5985160025492**

PN (RN): **2038.100.01**

KČN: **0064681101058**

Short-distance communication between RF20 or RF1301 transceivers. This antenna can also be used with the RF13 transceiver. 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.

## Technické parametry

<b>Kmitočtový rozsah</b>	25 MHz až 146 MHz
<b>Impedance</b>	50 $\Omega$
<b>PSV</b>	max. 6
<b>Výkonová zatížitelnost</b>	do 5 W
<b>Vyzařovací diagram</b>	všesměrový
<b>Rozsah pracovních teplot</b>	-30 °C až +60 °C
<b>Délka prutu</b>	0,45 m
<b>Hmotnost</b>	0,12 kg