# 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

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|---|---|
| **Kmitočtový rozsah** | 25 MHz až 146 MHz |
| **Impedance** | 50 Ω |
| **PSV** | max. 6 |
| **Výkonová zatížitelnost** | do 5 W |
| **Vyzařovací diagram** | všesměrový |
| **Rozsah pracovních teplot** | -30 °C až +60 °C |
| **Délka prutu** | 0,45 m |
| **Hmotnost** | 0,12 kg |

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