# External antenna

Code: AN-868

The AN-868 external antennas are designed to extend the communication range of wireless devices of the Jablotron security system using a frequency of 868 MHz.



## Product description:

The special design of the PIFA type provides the antenna with not only very good transmitting properties on different bases, but also tamper detection in the case of interruption or short-circuiting of the power supply (this functionality must be supported by the connected device). The antenna is suitable for both indoor and outdoor environments.

The AN-868 version is connected using a 3-pin connector that is used in newly developed devices of the JABLOTRON 100+ system.

### Compatible products

**JABLOTRON 100+:**

- JA-150EM-DIN
- JA-163A
- AC-160-DIN
- JB-EXT-TH-R
- JA-151ST-A

**JA-80 Oasis:**

- no compatible Products

## Technical information:

| | |
|---|---|
| **Communication band** | 868 MHz |
| **Antenna gain** | max. 3 dBi |
| **Impedance** | 50 ? |
| **Connection cable length** | 1.9 m |
| **Dimensions (H x W x D)** | 130 x 50 x 30 mm |
| **When a JABLOTRON alarm system is used:** | |

| | |
|---|---|
| **Classification** | security grade 2/Invornmental class IV<br>Note: valid only for AN-868 in combination with device, which detect a sabotage of external antenne. |
| **- according to** | EN 50131-1, EN 50131-5-3 |
| **- operational temperature range** | -20 °C až +60 °C |
| **- maximal operational humidity** | 90% RH, non condensing |