

# AN-03 Outdoor Antenna

The AN-03 antenna is designed for use with Jablotron's 430 - 450 MHz wireless products, which are equipped with a connector for the AN-01/AN-03 type of external antenna. If the AN-03 antenna is used, the internal antenna must be disconnected in the device (see the wireless device's manual).

## Technical Parameters

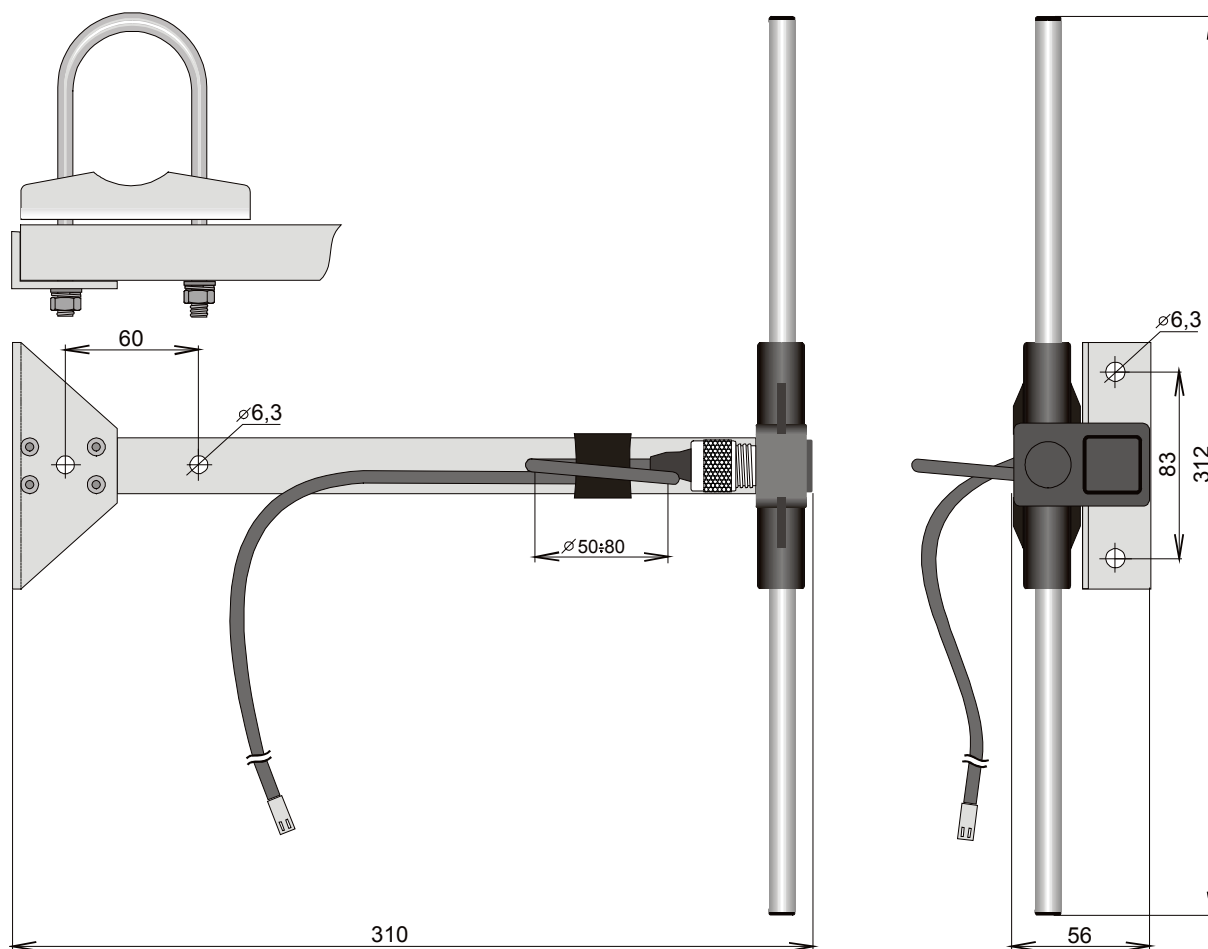
working frequency	430 - 450 MHz
Impedance	50 $\Omega$
Recommended installation	vertical
Mounting	on the wall or pole (do $\varnothing$ 50 mm)
Cable length	3 m
Connectors: antenna	PL type
device	JA-60 or PG-4 compatible
Environment	outdoor
Temperature	-40 °C ÷ 70 °C
Humidity	95 %

## Mounting

The active part of the antenna should be installed vertically and it should not be obstructed by any metal object. On the antenna cable it is necessary to make a cable loop (one coil diameter 5-8 cm) close to the antenna connector. Fasten the coil with an adhesive tape to the antenna. The coil should be perpendicularly oriented to the antenna dipole) as shown in the picture below).

The antenna's cable can be extended using similar cable. The total length should not exceed 10 meters.

If the antenna is used with an alarm system, it should be located in an area, which is covered (protected) by the alarm system.



Mechanical dimensions