

Where to install the LOOP ANTENNA

This antenna receives and transmits practically from any place. It was tested on the ground, installed on a house balcony and even on a penthouse (away from people and other equipments), with good results. However, it is better to find a site that can guarantee communication at short, medium and long distances.

According to the several tests, we highly recommend installing the **LOOP ANTENNA** as follows:

- at least 2-3 meters (6,56-9,84 ft) away from metallic structures (reinforced concrete, too)
- there are a MIN and a MAX height from ground (or flat surface) for every **LOOP ΔΠΙΈΠΠΔ** model:

3Δ3Ψ LOOP - MIN 1,5 m (4,92 ft) - MAX 2,5 m (8,20 ft)

miDi LOOP - MIN 2,5 m (8,20 ft) - MAX 4,5 m (14,76 ft)

ΠΔΧΊ LOOP - MIN 4,5 m (14,76 ft) - MAX 6,5 m (21,32 ft)

FOR SAFETY REASONS

- ⇒ the antenna should not be installed near electrical cables (even low voltage) or telephone cables
- ⇒ verify that the antenna mast is grounded according to electrical local code
- verify that nobody comes in direct or indirect contact through cables or other electrical conductive objects during trasmission (only, of course) sessions. Dangerous levels of voltage are created within the blades of the capacitor during transmission
- it is strongly recommended **NOT** to use the **LOOP ANCENNA** in the same room where the trasmitter and the operator are located.

MOTOR CABLE

The type of the motor cable depends on the distance between the **LOOP ANTENNA** and the A.T.U.

- up to 20 meters (65,62 ft) => 2x0,75 cable needed
- from 20 to 30 meters (65,62 98,43 ft) => 2x1,50 cable needed
- over 30 meters (98,43 ft) => 2x2,50 cable needed