

# AlexLoop Assembling Instructions



1) Take the coaxial cable from the carrying bag inner pocket.



2) Press the rolled cable forming a circle, open the two Velcro pieces and unroll the loop coaxial cable forming a circle.



3) Engage the middle section on the tuner section and the small loop over the middle section. There are two recessed marked points on these pieces (it is not necessary to align the marked points).



4) Engage with moderate pressure the coaxial loop fixing ring above the small loop. Keep the flattened tube extreme facing the coaxial cable.



5) Attach the loop coaxial connectors firmly to the tuner unit.



The above pictures show the best way to operate the AlexLoop antenna with the operator comfortable seated on a camping chair with one hand finger at the tuning knob and the other hand navigating on the radio controls.



Do not use the antenna on a high pole or on a place that you cannot reach the antenna tuning knob, your antenna will work perfectly only one meter above the soil, so keep the tuning knob at your hand level for fast QSY and SWR adjustments.

Do not use radials - The AlexLoop is a counterpoise free antenna...



AlexLoop magnetic Loop antenna on a window operation.



Use the supplied Nylon rope to avoid accidents when using your AlexLoop on windows or balconies operations.

## **Tuning with a Receiver**

1. Set your radio: Tune your radio to the desired frequency and band.
2. Listen for peak noise: Rotate the tuning knob on the antenna until you hear the loudest, clearest noise from your receiver.
3. Fine-tune for best reception: If your radio has a "tune" or "SWR" button, you can use it to briefly transmit a carrier wave and make minor adjustments for the best SWR reading or a brighter light on the AlexTune indicator.

## **General tips**

Retune for new bands - Always retune when you change to a different frequency band.

Retune within a band: You will need to retune even with small frequency changes, especially on lower bands like 40 meters.

Use a tripod: Placing the antenna on a tripod can make it easier to orient and tune while keeping your hands free to operate the radio. Use low power for tuning: To avoid stressing your radio's finals, it is best to tune using low power or the radio's "tune" function if available.