

INAC AH-1430 | LAC1

MAGNETIC LOOP ANTENNA 14-28 MHz



The INAC AH-1430, is a halo antenna of small size but high performance. Supports an RF level between 140 and 210 W. Covers bands used between 12 and 30 Mhz: 20, 17, 15, 12 and 10 meters. With remote continuous tuning in a very short time, less than a second. Its high selectivity makes it behave as a filter for reception and transmission. The small compact loop antenna performs equally as well as a half wave dipole or vertical.

By the use of stepper motor technology in the loop, the supplied controller LAC-1 allows extremely fast and easy tuning of the antenna. It only takes 3 seconds to tune the loop from the lowest to the highest frequency with 5 kHz fine tuning accuracy. Any change in the position of the tuningpot on the controller will be immediately taken over (real time) by the loop motor which operates the tuning capacitor.

The controller supplied has pulse generator integrated. The antenna can be tuned without transmitter and SWR/power meter and is therefore very suitable for shortwave listeners as well. Only when pressing the red PUSH button on the controller the stepper motor and the pulse generator will be activated. No power consumption in receive mode. In addition to the modest dimensions, the limited bandwidth of the loop adds a filter function for transmitter and receiver. When positioned vertically the antenna has directivity.

All INAC loop antennas are supplied in color white. To adjust the color to its environment please use our PlastiDip liquid rubber. One spray can is sufficient for complete coverage. The adhesion is static. The coating can also be easily removed.

Specifications

Frequency range : 13.900-30.000 MHz
Gain : 1,25 dBi, depending on frequency
Bandwidth : 24 - 130 kHz, depending on frequency
Max. power : 140-210 W PEP, depending on frequency
Dimensions loop : 79 x 63 cm
Connector : SO 239
LAC-1 controller : included
Supply Voltage : 13,8 VDC / 1,5 A
Mast Size Range : ø 40 mm stub mast 32 cm long is included *)
Control cable : 3 wire control cable; 5 m long with connectors included **)
Wind resistance : 120 km/h (depending on mounting height)
Weight : 4,5 kg

*) Universal mounting clamp is optional

**) Adapter cable to extend control cable is included

See also: AH-521 (7-21 MHz), AH-1430H (14-28 MHz), AH-376 (3.5 to 7 MHz) and AX-314 (3,4-14,9 MHz)

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Price: € 410,00

ex VAT € 338,84