

## **FRA1530A** **BROADBAND ANTENNA**

**Operating range: 1,8 – 30 MHz**

**WSVR: See diagram**

**Power: 1000 W ICAS**

**Input: 50 Ohm**

**Termination: SO239**

**Wire: Cu 2,5 mm<sup>2</sup>**

**Lenght tot: 30 m**

**Weight: 2,8 kg**

Antenna is easy to assemble and can be done by one person. A block on the end connection bars keep an equal distance between the antenna wire. The antenna can be installed with center connections point as inverted "V" with the help of suspension wire in the central bracket or as sloper or flat top. The end connections bars are fitted with hooks which can be used as a reel for the antenna wire under transportation.

Balun transformer (special design) with two separate coil to avoid TRX directly contact with antenna wire is fitted into the bottom of central rod in order to completely SO239 input connector.

The antenna's low VSWR depending on the most imported (special designed) NON-Inductive Matching unit. This antenna can be used for all type of radiocommunication included so called "frequency -jumps" operation.

The antenna's keys performance and other parameters show that each antenna is more or less dependent on the natural earth resistance at every new point of installation including electrical and geodetic physical characters.

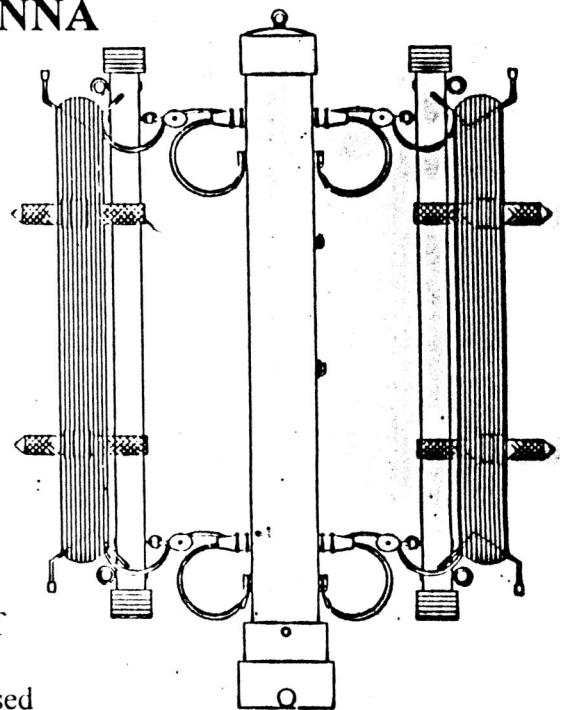
The antenna gives also the advantage of EMI rejection greater than conventional dipole and other antennas on different frequencies.

The antenna-system's means that VSWR and efficiency remain within approved limits. NO antenna tuner or other tuning required.

The VSWR measurement may for all antennas in reality vary in according to natural resistance, the installation or set-up of the antenna.

Remember, probably only antenna FRA1530A gives you the opportunity to be active at all frequencies in HF i.e. 1.8 - 30 MHz, HF will never disappear, a nice opportunity just to put on TRX, and be ready for QSO.

This very popular antenna was constructed by Dannex HF, Sweden in the mid 1980's.



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