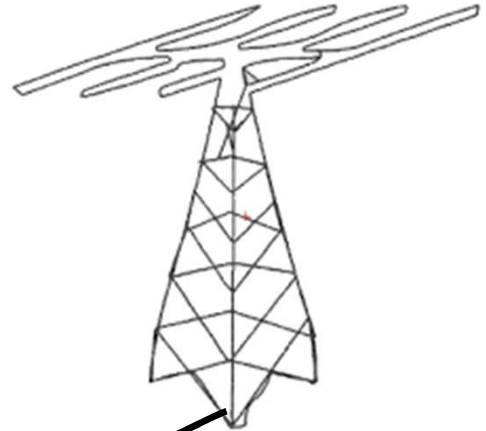


MFJ

Intellitune

Applications:

- ATU decreases tuning time allowing user to cycle through frequency spectrum effortlessly
- Provides user granular tuning ability by use of variable reactive components



Features:

- Automatic impedance matching network accomplished with variable capacitance and inductance
- Voltage Standing Wave Ratio (VSWR) measurement and correction to maximum transfer
- Variable reactive component values mapped to frequency key in microcontroller for fast tuning

Specification:

- Two 12 volt, 0.26 N-m stepper motors that drive variable capacitance and inductance
- PIC 24 microcontroller utilizing Digital to Analog Converter (DAC)
- Antenna Tuning Unit (ATU) capable of handling 2.5 kW
- Weighs less than 10 lbs.