

## Antenna Tuning Unit 1000 W

ATU-1000 is designed to match the transmitter with 10 m Whip or 7-30 m Wire antennas input impedance within 1500 ... 30000 kHz frequency range. ATU-1000 provides transformation of the antenna input impedance to 50 ohm active resistance with VSWR less than 1.4. ATU-1000 has waterproof aluminum housing and can be mounted with 4 M8 screws. Antenna isolator is located on the top of the device and provides connection to the antenna. ATU-1000 has 50 Ohm RF input connector for HF transmitter and the control cable connector (for up to 30 m remote control).



### TECHNICAL SPECIFICATIONS

Frequency range:	1500...30000 kHz
Input power:	1000 W PEP
Input impedance:	50 $\Omega$ , VSWR less than 1.4
Tuning time according to the algorithm	less than 5 sec
Tuning time from memory on pre-programmed frequencies	less than 0.3 sec
Antennas	10 m Whip, 7-30 m Wire
Supply voltage	+48VDC with the current less than 2A
Dimensions	
- without protrusions	560x360x202 mm
- with the protruding parts	670x370x206 mm
Weight	20 kg
Operation Temperature Range:	-22 to 149°F (-30 to 65° C)
Storage Temperature Range:	-22...149°F (-40...85°C)