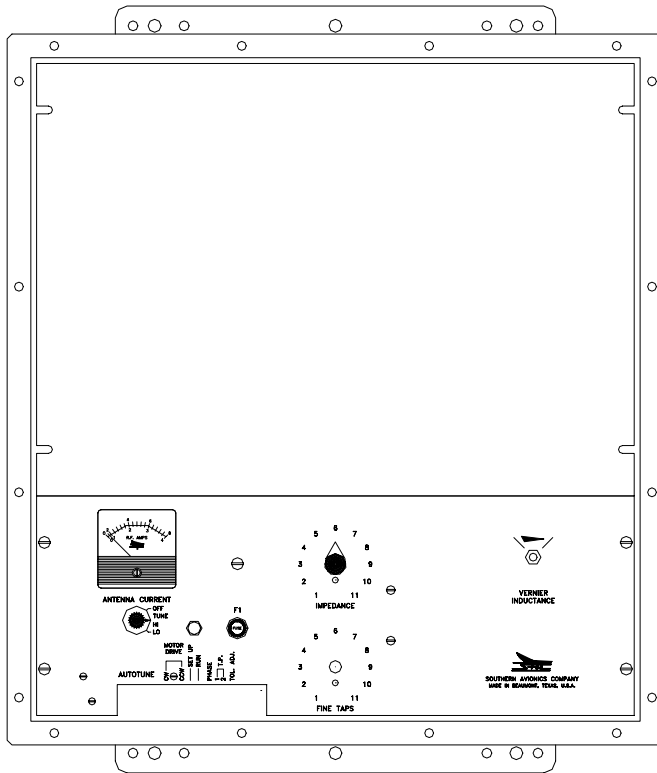




Southern Avionics® Company's PC1000C/IP66 Autotuning Antenna Coupler.



**PC1000C/IP66 Autotuning
Antenna Coupler**

Input Impedance: 50 ohms.

Load Impedance: 2 to 25 ohms resistance,
200 to 1500 pF capacitance.

Frequency: 190 to 625 kHz with a 200 to
1500 pF load.

Power Input: Up to 500 watts peak, 200
watts continuous.

Metering: Antenna current and tuning.
Single meter with a four position switch for
OFF, TUNE, HIGH and LOW tuning.

Tuning: Large coil with coarse taps, fine
tapes and a rotating shorted ring controlled by
the autotune system.

Lightning Protection: Lightning gap at the
antenna terminal. Special passive circuit that
protects the transmitter final amplifier from
lighting transients.

Working Conditions: Continuous
unattended operation, -50° to +70°C, 0-100%
noncondensing humidity. Designed for
outdoor mounting. Dimensions 25"H,
21"W and 16"D. Enclosure is IP66 certified.