



## PC-3000 Antenna Coupler

Part Number: SLF20020

SPECIFICATION SHEET

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**Application:**

The PC-3000 antenna tuning unit is designed to match a 700-1500pF / 2-30 Ohm SYM-T antenna load in the 190 to 650 kHz frequency range, or 300-1500pf from 300 to 650 kHz for Mast antenna applications. RF input power is 600 Watts continuous, 1500 Watts peak.

The coupler has an auto-tune feature which automatically maintains system tuning during changing environmental conditions.

The unit is housed in an aluminum enclosure designed to meet IP66 requirements for all weather operation. Operating power is supplied by SAC transmitter or optional 100-265 VAC internal power supply.

FEATURE	SPECIFICATION
Input Impedance	50 Ohms
Load Impedance	2 - 30 Ohms resistance, 700 - 1500 pF with SYM-T 300 - 1500 pF with Mast
Frequency	190 - 650 kHz for SYM-T antenna applications. 300 - 650 kHz for Mast antenna applications.
Power Input	Up to 1500 W, 600 W continuous
Operating Conditions	-50°C - +70°C; relative humidity 0 - 100%; high salinity for offshore; IP66 certified
Height	27 in. (67cm)
Length	22 in. (55cm)
Width	23 in. (57cm)
Weight	46 lbs. (21kg)
Power Requirements	12 VDC, 500 mA (supplied by SAC Transmitter)
Optional Equipment	100-265 VAC, 50/60 Hz Power Supply
Connection	Type-N

\*Information provided is subject to change without notice

