



PC-1Kilo USCG Antenna Coupler

Part Number: SLF20035

SPECIFICATION SHEET

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Application:

The PC-1Kilo USCG Antenna tuning unit is designed to match 500-3500 pF / 2-25 Ohms antenna load in the 283.5-325 kHz frequency range. RF input power is 1000 Watts continuous, 2000 Watts peak. The coupler has an auto-tune feature which automatically maintains system tuning during changing environmental conditions.

The unit is housed in a weatherproof aluminum enclosure for all-weather operation. Operating power is supplied by SAC transmitter or optional 100 - 265 VAC internal power supply.

The PC-1Kilo USCG Antenna Coupler is designed to operate with our SC1000 DGPS Transmitter.

| FEATURE | SPECIFICATION |
|----------------------|---|
| Input Impedance | 50 Ohms |
| Load Impedance | 2-25 Ohms resistance, 500-3500 pF capacitance |
| Frequency | 283.5-325 kHz |
| Power Input | Up to 2000 W, 1000 W continuous |
| Operating Conditions | -50°C - +70°C; relative humidity up to 95%; altitude up to 4000m; designed for outdoor installation |
| Height | 36 in. (91cm) |
| Length | 22 in. (56cm) |
| Width | 24 in. (61cm) |
| Weight | 94 lbs (42.6kg) |
| Power Requirements | 12 VDC, 500 mA (supplied by SAC Transmitter) |
| Optional Equipment | 100 - 265 VAC internal power supply |
| Connection | Type-N |

*Information provided is subject to change without notice

