

new PJ500C-LCD

Preliminary Version

PJ500C-LCD Amplifier



PJ500C-LCD *FEATURES*

1. Professional performance, extremely compact, lightness reliability and highly reliable.
2. High gain amplifier with a very low input power
3. Completely microprocessor-controlled, menu or RS232 port monitoring. Digital user interface to diagnose and control all the parameters displayed on the LCD display.
4. APC (Automatic Power Control) and foldback protection, safe and reliable operation in every environmental condition.
5. Manufactured with the state-of-the-art technology, for a safe use and easy maintenance.
6. Perfectly interfaceable with all RVR telemetry systems for an easy remote control of the operation parameters. Built-in GSM modem (Optional)
7. PFC (Power Factor Corrector) power supply, for a maximum operating efficiency.
8. Fully compliant with EC, FCC, CCIR standards.

Stronger and Smaller: just 3HE!!!

New PJ500C-LCD broadband RF amplifier

Technical Specifications

Preliminary **V**ersion

- Frequency Range 87.5 MHz ÷ 108 MHz
- Rated output Power 0 to 500 W
- AC Power Source Single phase selectable range:
195 V ÷ 265 V
95 V ÷ 135 V
- R.F. Output Connector N-Type (Female)
- Output Impedance 50Ω
- R.F. Input Connector “N” Type (Female)
- Input Impedance 50Ω
- Input Drive Power \cong 11W
- Efficiency about 60%
- Power consumption 850 VA
- Power factor 0.98
- Harmonic & Spurious Suppression Respects relevant FCC and CCIR standards (typical -75 dBc)
- Cooling Forced Ventilation
- Operating Temperature from -10° C to +50° C
- Serial Interface DB9 female RS232
- Remote DB15 female, give indications on the state of the device
- Cabinet Dimension 132.5 (5.22”) H
483.0 (19.01”) W
520.0 (20.47”) D
- Weight 24kg
- Standard compliance Safety: EN60215:1989
EMC: EN 301 489-11
Spectrum optimization: ETS 300 447

These specifications are therefore subject to change without notice.