

RF Amplifier - 100 Watt

#90-4490



CPA87-200

DESCRIPTION

A solid state MOSFET high power amplifier with a flat frequency response from under 20kHz to over 1MHz providing 100W of linear class "A" power with low inter-modulation distortion. Output RF voltage is displayed on front panel. Built for bench use, this supply features integrated cooling and a power supply capable of operating at 115 or 230 Vac @ 50 or 60 Hz.

TECHNICAL SPECIFICATIONS

| | |
|--------------------------|-------------------------|
| Frequency Coverage | 20kHz - 1MHz |
| Gain / Gain Variation | 53 dB / 1.5 dB |
| Power Output | 100 W |
| 2-nd Order Distortion | 30 dB down at 50 W |
| Input / Output Impedance | 50 ohm |
| Input VSWR | <1.2 |
| Output VSWR | <2.0 |
| Noise figure | <5 dB |
| Protection | >10 dB overdrive |
| Output Metering | RMS |
| Power Requirements | 115 or 230 Vac @ 280W |
| Operating Temperature | 0 to 45 deg C |
| Size / Weight | 32 x 30 x 8 cm. / 5 kg. |

****Call APC for Additional Information****

