



LNF-PS_EU2 is a constant current power supply designed for LNF's Low Noise Amplifiers. It is capable of powering up to four amplifiers simultaneously. The drain voltages are regulated and adjustable within a wide range, and the gate voltages are automatically and continuously adjusted to give a set drain current. The power supply is delivered on a standard 160*100 mm EuroCard with a DIN 41612 64 pin connector. Drain voltage and current are set by trim potentiometers on the side of the board.

The user has to supply +/-15V to the board through the DIN connector.

Specifications

| Parameter | Min | Typ | Max |
|-----------------------|---------|---------|-------|
| V_d | 0.0 V | | 2.0 V |
| I_d | 0.0 mA | | 50 mA |
| V_g | ≈ -14 V | | ≈14 V |
| I_g | -5 mA | | +5 mA |
| Idmon response | | 0.1V/mA | |