2000-2XX LNB Power Supply
2000-212 +12V, 1A  •  2000-215 +15V, 1A  •  2000-218 +18V, 0.5A  •  2000-224 +24V, 1A

The 2000-2XX LNB Power Supply is a switching power supply which provides either regulated +12 VDC (-212) at 1 amp, +15 VDC (-215) at 1 amp, +18 VDC (-218) at 0.5 amps OR +24 VDC (-224) at 1 amp through RF connectors for insertion on an RF line. Also provided is a BNC connector for insertion of a 10 MHz reference signal on the RF line. The input AC connector is IEC 320 C13. The 2000-2XX is powered by a 100-240 ± 10% VAC power supply and can be mounted on an optional 1 3/4” x 19” rack mount panel (option R, R2, or R3).

Front and Rear Panels

EQUIPMENT SPECIFICATIONS*

RF Input/Output Characteristics
- Impedance/Return Loss: 75Ω/14 dB
- Frequency: 950 - 2150 MHz
- Insertion Loss: 1 ± 0.5 dB
- Frequency Response: ±1.0 dB

AC Input Characteristics
- Voltage: 100 - 240 ±10% VAC
- Frequency: 47 - 63 Hz
- Power, maximum: 20 watts

DC Output Characteristics
- Voltage / Current: +12 VDC/ 1 amp (Model 2000-212)
- +15 VDC/ 1 amp (Model 2000-215)
- +18 VDC/ 0.5 amps (Model 2000-218)
- +24 VDC/ 1 amp (Model 2000-224)

Load Regulation, max.: ± 5%
Power Supply type: Switcher
Switching Frequency: 50 kHz, typical

Indicators
- DC Power (front): Green LED
- DC Power Insertion (rear): Yellow LED

Other
- AC Input Connector: IEC 320 C13
- RF Connectors: Type F (female)
- 10MHz REF Connector: BNC (female), 75Ω, works with 50 or 75 ohms
- Size, Bench Top: 4.7” wide x 1.75” high x 8.5” deep
- Size, Rack Mount: 19 inch standard chassis 1.75” high x 9.0” deep (option R)

Available Options
- R - Rack Mount Panel (1 position)
- R2 - Rack Mount Panel (2 positions)
- R3- Rack Mount Panel (3 positions)

Connectors/Impedance (In & Out)
- Std. - 75Ω Type F
- B - 75Ω BNC
- D - 50Ω BNC

*10°C to 40°C; Specifications subject to change without notice.