

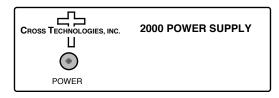
## **DATA SHEET**

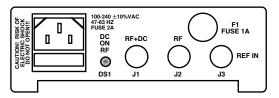
**Rev. D** 05/06/13

# 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  $\pm$  10% VAC power supply and can be mounted on an optional 1 3/4" x 19" rack mount panel (option R, R2, or R3).



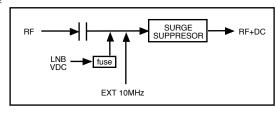


#### **Front and Rear Panels**

### **EQUIPMENT SPECIFICATIONS\***

## **RF Input/Output Characteristics**

 $\begin{array}{ll} \text{Impedance/Return Loss} & 75\Omega/14 \text{ dB} \\ \text{Frequency} & 950 - 2150 \text{ MHz} \\ \text{Insertion Loss} & 1 \pm 0.5 \text{ dB} \\ \text{Frequency Response} & \pm 1.0 \text{ dB} \\ \end{array}$ 



**Block Diagram** 

#### **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)

#### **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),  $75\Omega$ , 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. -  $75\Omega$  Type F B -  $75\Omega$  BNC D -  $50\Omega$  BNC

<sup>\*10°</sup>C to 40°C; Specifications subject to change without notice.