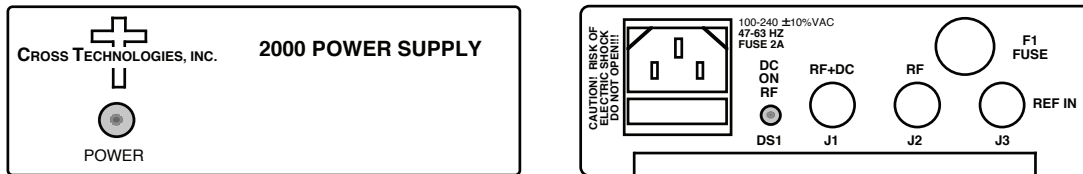


## 2000-3XX SSPB Power Supply

The 2000-3XX SSPB Power Supply is a switching power supply which provides regulated +18 VDC (-318) OR +24 VDC (-324) at 2.5 amps 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 2000-3XX can be mounted on an optional 1 3/4" X 19" rack mount panel (**option -R**).



**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	65 watts

#### **DC Output Characteristics**

Voltage / Current	+18 VDC/ 2.5 amps ( <b>Model 2000-318</b> ) +24 VDC/ 2.5 amps ( <b>Model 2000-324</b> )
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), 50Ω/75Ω
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 ( <b>option R</b> )

#### **Options**

R, R2, R3	Rack Mount Panel (1, 2, or 3 position)
Connectors/Impedance	
B	75Ω BNC (RF)
D	50Ω BNC (RF)

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

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