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 (Model 2000-318)
+24 VDC/ 2.5 amps (Model 2000-324)
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 (option R)

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