2000-15-4848 Power Supply

The 2000-15-4848 Power Supply uses a +42VDC - +60VDC input to provide +48VDC @ 10A, +24VDC @ 6A and +5V @ 3A outputs. An optional +12VDC @ 4A output can be provided (Option W90) as well as two L-Band DC insertion SMA loop-throughs (Option W92). One loop through for BUC applications provides either +24VDC or +48VDC insertion @ 3A and another loop through provides +24VDC for LNB applications. Voltage and Current monitoring as well as power switching are all accomplished via an Ethernet (RJ-45) webpage interface. Circuit board LEDs indicate power supply status and fault condition. The power supply assembly is packaged in a 7” X 7” X 1.25” printed circuit board assembly that is mounted to a customers aluminum enclosure using sixteen 4-40 screws.

**EQUIPMENT SPECIFICATIONS**

**DC Input Characteristics**
- Voltage: +42VDC to +60VDC
- Input Power: 800W Maximum

**DC Output Characteristics**
- Voltage/Current:
  - +48VDC @ 10Amps Maximum
  - +24VDC @ 6Amps Maximum
  - +5VDC @ 5Amps Maximum
  - +12VDC@ 4Amps Maximum
  - +24VDC @ 4Amps Maximum
  - +24V @ 1Amp Maximum
- Load Regulation: ± 5% Maximum

**LED Indicators**
- Power: Green
- DC Outputs Enabled: Green (Quantity 4 - 6)
- Alarm (Fuse): Red
- Ethernet Activity: Green & Amber (RJ-45)

**L-Band Loop-Throughs**
- Frequency Range: 950-2150 MHz & 10MHz
- Return Loss: 12dB Typical, 10db Minimum
- Insertion Loss: 1dB Maximum
- Frequency Response: ± .5dB Maximum (L-Band)

**Physical Characteristics**
- Size: 7” X 7” X 1.5”
- Weight: < 1.5 lbs.
- Mounting: 4-40 Screws (Quantity 16)

**Environmental**
- Temperature: 0°C - +50°C
- Humidity: < 95%, Non-Condensing

*Specifications subject to change without notice
**Consult Factory for different Input and Output Voltage Requirements
***Temperature specification assumes mounting to aluminum surface ≥ 100 inches.