

Model Number: 2764-B7-E



# 16 port LNB Power Supply

With switchable 13/18V & 22KHz tone and Ethernet Monitoring & Control



Front view of 16 port LNB Power Supply

This ETL LNB hot swap power supply unit, provides DC power for up to 16 LNBs. This can be switched between 13/18/0V and 22KHz tone on/off, both locally on the rear panel and remotely via an Ethernet port.

The unit also includes LNB current monitoring via the Ethernet port on the rear panel. The front panel tri-colour LED's give a visual status display.



Rear view of similar 16 port LNB Power Supply

The 4U high 19" shelf contains dual redundant hot swap power supplies. This unit has 75 ohm BNC RF connectors, but others are also available.



RESILIENCE

RELIABILITY

RF

PERFORMANCE

# Model Number: 2764-B7-E



16 port LNB Power Supply with switchable 13/18V & 22KHz tone & Ethernet Monitoring & Control

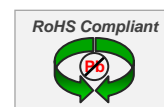
## Technical specifications and operating parameters

| RF Parameters                                 |  |
|---|--|
| Capacity                                      | 16 port  |
| Frequency Range                               | 850-2150 MHz (L-band)  |
| Insertion Loss                                | < 1.5 dB   |
| Flatness                                      | ± 0.6 dB   |
| Return Loss                                   | 12 dB  |
| Tone Injection                                | 22kHz nominal ± 0.5V, switchable                               |
| System Control                                |  |
| Display                                       | Front panel LEDs for LNB status                                |
| Current Monitoring                            | Current for each LNB monitored & reported via Ethernet Port    |
| Alarms  | For low/high LNB current & PSU failure                         |
| Remote Control                                | Via RJ45 Ethernet 10/100 base T                                |
| Local Control                                 | Via push buttons on rear panel                                 |
| Environmental                                 |  |
| Operating temperature                         | 0 to 45°C  |
| Location                                      | Indoor use only  |
| Storage temperature                           | -20°C to +75°C   |
| Humidity                                      | 85% non-condensing   |
| Physical                                      |  |
| Connectors                                    | BNC  |
| Impedance                                     | 75Ω  |
| Dimensions                                    | 4U high x 350mm deep x 19" wide                                |
| Weight  | 12 kg  |
| Colour  | White 00-E-55 semi-gloss                                       |
| Power   |  |
| AC Power                                      | 85-264V AC (50/60Hz)   |
| LNB Power                                     | 18V nominal, 500mA per channel, fused & monitored, switchable  |
| DC Power Available                            | 125W, total available to all 16 ports with full PSU redundancy |
| PSU   | Dual   |
| Hot-swap PSU                                  | Yes  |
| Key Features                                  |  |
| Switchable LNB power & 22kHz tone             |  |
| Dry contact alarm for PSU failure             |  |
| LEDs for LNB monitoring                       |  |
| Ethernet Port for remote control & monitoring |  |



ETL Systems Ltd, Coldwell Radio Station, Madley, Hereford, HR2 9NE, England

ETL Systems design, develop and manufacture specialist equipment for satellite ground stations. For a full description of the ETL product range, please see our website at [www.etsystems.com](http://www.etsystems.com). This product range provides the basis for meeting your specific demands.



Tel +44 (0)1981 259020  
Fax +44 (0)1981 259021  
[info@etsystems.com](mailto:info@etsystems.com)