



Model Number: **2772-F7F7-E**

RF Engineering  
and Custom Build

# 16 Port LNB Power Supply

With hot-swap power supply modules, switchable 13/18V & 22KHz tone via local & remote control, & LNB Current Monitoring



Front View of Model 2772-F7F7-E

This ETL LNB hot swap power supply unit, provides DC power for up to 16 LNB's. This can be switched between 13/18/0V and 22KHz tone on/off, both locally on the front panel and remotely via an Ethernet port on the rear panel. LNB current monitoring can also be done remotely via the Ethernet port and visually by the use of front panel tri-colour LEDs.

This unit also benefits from dual redundant hot-swap power supplies for reliability in service.



Rear View of Model 2772-F7F7-E

This particular unit is supplied with 75 ohm F-type connectors, but is available in a variety of impedances and connector types (model numbers will vary).





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16 port power supply with switchable 13/18V & 22KHz  
tone via local & remote control, & LNB Current Monitoring

## Technical specifications and operating parameters

### RF Parameters

Capacity	16 Port
Frequency Range	850-2150 MHz (L-band)
Tone Injection	22KHz nominal $\pm 0.5V$ ,

### Power

AC Power	85-264Vac 50/60Hz fused 2A
LNB Power	13/18V nominal, switchable. 500mA, fused & monitored
PSU	Dual redundant
Hot-swap PSU	Yes

### System Control

Local Control	Via front panel push buttons
Remote Control	Via rear panel RJ45 Ethernet Port
Display	Front panel LED's for channel status and 13/18V & 22KHz tone selection
Alarms	Dry contact alarm port on rear panel for PSU failure

### Physical

Input Connector	F-type
Input Impedance	75 $\Omega$
Output Connector	F-type
Output Impedance	75 $\Omega$
Dimensions	4U high x 350mm deep x 19" wide
Weight	12 kg
Colour	White 00-E-55 semi-gloss, front panel

### Environmental

Operating temperature	0 to 45°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	85% non-condensing

### Key Features

Current Monitoring for each LNB and reported via Ethernet port
Local and Remote Control
Dual redundant hot-swap power supplies
Dry contact alarm port for PSU failure

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