



Model Number: 2764-F7B7

RF Engineering
and Custom Build

16 port LNB Power Supply

With switchable 13/18V & 22KHz tone & current monitoring



Front View of Model 2764-F7B7

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 a serial port. LNB current monitoring can also be done via the serial port on the rear panel, and front panel tri-colour LED's provide a visual status for each LNB port.

This unit also benefits from dual redundant hot-swap power supplies, which can be removed via the front panel. Each power supply has a status LED and can also be monitored via a dry contact alarm port on the rear panel.



Rear View of Model 2764 with 75 ohm F-type connectors

This particular unit has 75 ohm F-type connectors (IN) and 75 ohm BNC connectors (OUT), but a range of impedances and connector types are available (model numbers will vary).





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Technical specifications and operating parameters

| RF Parameters | |
|-----------------|--------------------------------------|
| Capacity | 16 port |
| Frequency Range | 850-2150 MHz (L-band) |
| Tone Injection | 22kHz nominal \pm 0.5V, switchable |

| System Control | |
|--------------------|--|
| Display | Front Panel LED's for LNB Power & PSU status |
| Current Monitoring | Current for each LNB monitored & reported via Serial Port |
| Alarms | For low/high LNB current & PSU failure |
| Remote Control | Via RS232/422/485 Serial Port |
| Local Control | Via push buttons on rear panel to select 13/18V & 22KHz tone |

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

| Physical | |
|------------|--|
| Connectors | F-type |
| Impedance | 75Ω |
| Dimensions | 4U high x 350mm deep x 19" wide |
| Weight | 12 kg |
| Colour | White 00-E-55 semi-gloss (Front panel) |

| Power | |
|--------------|--|
| AC Power | 85-264V AC (50/60Hz), Fused 2A |
| LNB Power | 13/18V switchable on/off, 500 mA fused & monitored |
| PSU | Dual Redundant |
| Hot-swap PSU | Yes |

| Key Features | |
|--|--|
| Switchable LNB power & 22KHz tone | |
| Dual redundant hot-swap power supplies | |
| LEDs for LNB monitoring | |

ETL SYSTEMS LIMITED
Coldwell Radio Station
Madley
Hereford
England HR2 9NE

TELEPHONE
+44 (0)1981 259020

EMAIL
info@etlsystems.com

FACSIMILE
+44 (0)1981 259021

WEB
www.etlsystems.com

