



Model Number: 2774-F7F7

RF Engineering
and Custom Build

32 Port LNB Power Supply Unit

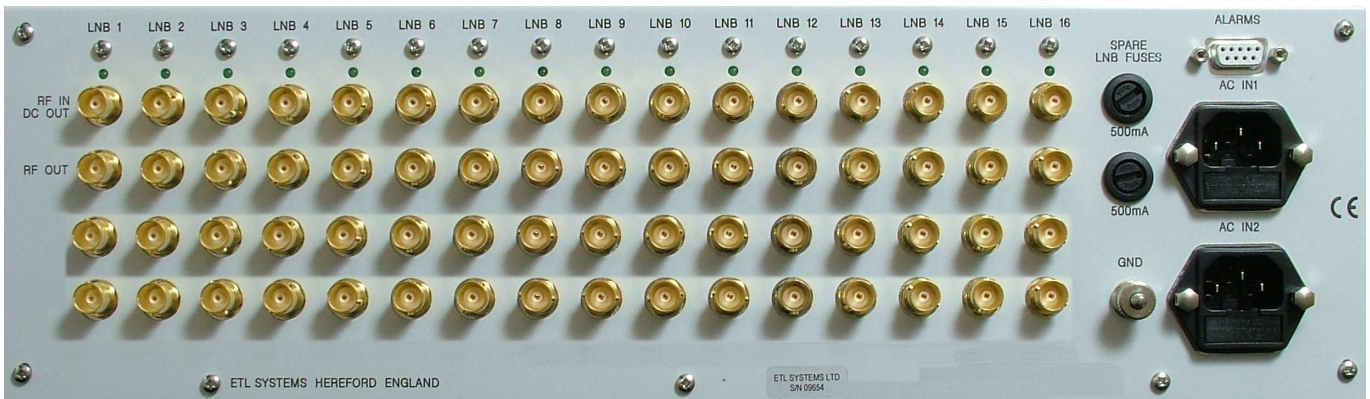
With dual redundant hot-swap power supply modules



This power supply unit is designed to supply DC for up to 32 LNB's, via individual DC inject modules on the rear panel which provide a fused supply at 500mA, 18V nominal.

Front View of Model 2774-F7F7

The unit benefits from dual redundant hot-swap power supplies for reliability in service. Front panel LED's provide a visual status of the power supplies, and rear panel LED's shows the status of the LNB supply. A dry contact alarm port is supplied for external monitoring.



Rear View of similar model (with 75 ohm BNC connectors)

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





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Technical specifications and operating parameters

PRELIMINARY SPECIFICATIONS

RF Parameters	
Capacity	32 individual DC inject modules (for up to 32 LNB's)
Frequency Range	850-2150 MHz (L-band)
Insertion Loss	1 dB \pm 0.5 dB mean
Flatness	850-2150MHz \pm 1.0 dB
Input Return Loss	10 dB typical
Output Return Loss	10 dB typical
System Control	
Display	Front panel LEDs for PSU status, rear panel LEDs for LNB supply status
Alarms	Dry Contact Alarm Port on rear panel for PSU failure
Environmental	
Operating temperature	0 to 45°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	85% non-condensing
Physical	
Input Connector	F-type
Input Impedance	75 Ω
Output Connector	F-type
Output Impedance	75 Ω
Dimensions	4U high x 350mm deep x 19" wide (TBC)
Weight	6 kg
Colour	White 00-E-55 semi-gloss (Front panel)
Power	
AC Power	85-264V AC (50/60Hz)
LNB Power	18V nominal, 500mA max per channel
PSU	Dual redundant
Hot-swap PSU	Yes
Key Features	
Hot-swap PSU modules	
Dry contact alarm port for PSU failure	
LEDs for PSU monitoring	

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