

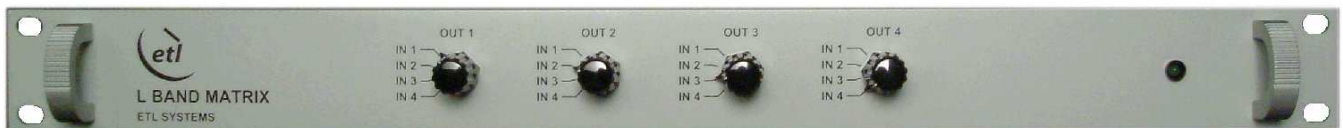


Model Number: M0404D1UFL-21119-N5N5

4 x 4 SNG Truck Receive L-band Matrix

With LNB Powering & Local Control Only

This SNG truck matrix, employs the latest ETL switching and routing technology and has been designed to provide economical high performance L-band routing for SNG trucks and other mobile installations.



Front View of Model M0404D1UFL-21119-N5N5

The compact and lightweight design also favours this use. The human interface is simpler than standard ETL matrices, but still fully effective and helps to optimise costs. There is only local control of the routing.



Rear View of Model M0404D1UFL-21119-N5N5

The matrix can handle 4 inputs and 4 outputs and is fully distributive (any input can be routed to any or all outputs). The 19" 1U high shelf has a single mains power supply. LNB power (13V DC) is always available at the RF input ports. There is a dry contact alarm port in the event of power supply failure.

This unit has 50 ohm N-type connectors, but other impedances and connector types are available (model numbers will vary).





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RF Engineering and Custom Build

Technical specifications and operating parameters

RF Parameters	
Capacity	4 inputs x 4 outputs
Frequency Range	850-2150 MHz (L-band)
Gain	+ 0 dB nominal \pm 1 dB
Flatness	\pm 1.5 dB
1 dB Compression	- 10 dBm
Isolation (Adjacent Channel)	> 40 dB
Noise Figure	7.5 dB
Input Return Loss	> 10 dB typical
Output Return Loss	> 10 dB typical

System Control	
Local Control	Front Panel LED's for LNB Power & PSU status

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

Physical	
Input Connectors	N-type
Input Impedance	50 Ω
Output Connectors	N-type
Output Impedance	50 Ω
Dimensions	1U high x 350mm deep x 19" wide
Colour	White 00-E-55 semi-gloss

Power	
AC Power	90-264V AC (50/60Hz) Fused 2A
LNB Power	13V un-switched, permanent. Available on all inputs
PSU	Single 15W
Hot-swap PSU	No

Key Features

Affordable lightweight high performance L-band switch matrix, ideal for sat trucks.

LNB Powering

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