

Model Number: M0204D1UFL-21118-N5



2 x 4 SNG Truck Receive L-band Matrix

With LNB Powering & Local Control Only



Front View of Model M0204D1UFL-21118-N5

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.

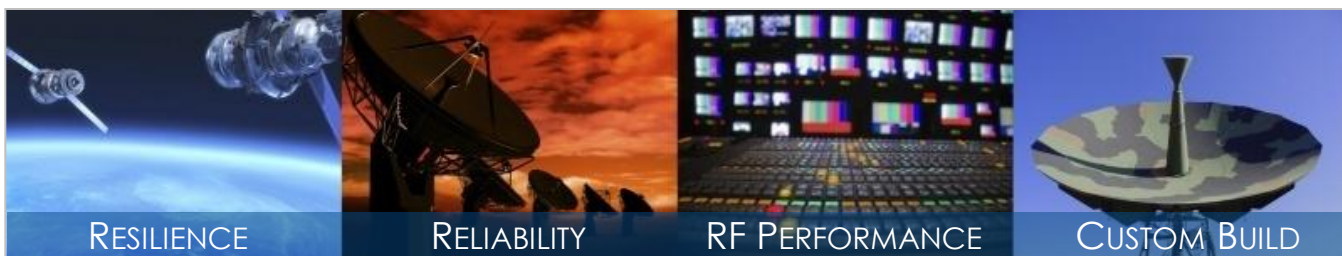
The compact and lightweight design also favours this use. The human interface is simpler than standard ETL matrices, but still fully effective and helps to optimise costs. There is only local control of the routing.



Rear View of Model M0204D1UFL-21118-N5

The matrix can handle 2 inputs and 4 outputs and is fully distributive (either input can be routed to any or all outputs). The 19" 1U high shelf has a single mains power supply. There is a dry contact alarm port in the event of power supply failure. LNB power (13V DC) is always available at both RF input ports.

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



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Technical specifications and operating parameters

RF Parameters		
Capacity	2 inputs x 4 outputs	
Frequency Range	850-2150 MHz (L-band)	
Insertion Loss	0 ± 2 dB	
Gain vs Frequency Variation	1.5 dB	
1dB Compression	-10 dBm	
Isolation	Adjacent Port	40 dB min
	Non-Adjacent Port	50 dB min
	Output-Output	50 dB min
Input Return Loss	10 dB typical	
Output Return Loss	10 dB typical	

System Control	
Local Control	Front Panel Toggle Switches

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

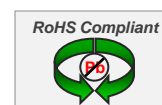
Physical	
Connectors	N-type
Impedance	50Ω
Dimensions	1U high x 450mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss (Front panel)

Power	
AC Power	90-264V AC (50/60Hz) Fused at 2A
LNB Power	13V DC fixed voltage & always on. 250mA per input
PSU	Single
Hot-swap PSU	No

Key Features	
Affordable lightweight high performance L-band switch matrix, ideal for sat trucks.	
LNB Powering	

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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.etlsystems.com. This product range provides the basis for meeting your specific demands.



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