

Model Number: 23144-B5



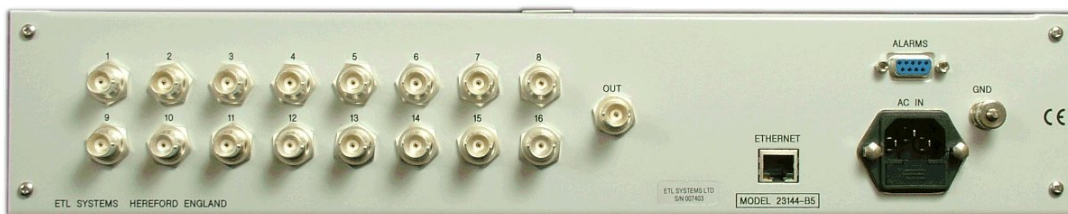
16 x 1 IF through L-band Switch

with Local & Ethernet Control

This high performance 16 way IF through L-band switch can be controlled from push buttons on the front panel or remotely via the Ethernet port, which is usually connected to a remote control and monitoring system, and benefits from a 2 digit display to show selected input.



Front & rear panel views of a 16x1 IF through L-band Switch with Local & Ethernet Control



This unit has single power supplies and 50 ohm BNC connectors but other impedances and connector types are available (model numbers will vary).



RESILIENCE

RELIABILITY

RF

PERFORMANCE

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Technical specifications and operating parameters

RF Parameters	
Capacity	16 x 1
Frequency Range	50-2150MHz (IF through L-band)
Gain	1.0 dB \pm 1.0 dB nominal, mean
Flatness	\pm 1.0 dB typical
1dB compression	+3 dBm
Noise Figure	10 dB
Isolation (I/P-O/P)	60 dB typical
Isolation (I/P-I/P)	65 dB typical
Input Return Loss	15 dB typical
Output Return Loss	15 dB typical

System Control	
Local Control	Via keypad and LED display on front panel
Remote Control	Via RJ45 Ethernet Port

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

Physical	
Connectors	BNC (others available)
Impedance	50 Ω
Dimensions	2U high x 450mm deep x 19" wide
Weight	6 kg
Colour	White 00-E-55 semi-gloss (Front panel)

Power	
AC Power	85-264V AC (50/60Hz)
LNB Power	None
PSU	Single
Hot-swap PSU	No

Key Features	
2 digit LED display to show selected input (or 0 if the output is terminated)	
Dry contact alarms for PSU failure	

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



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