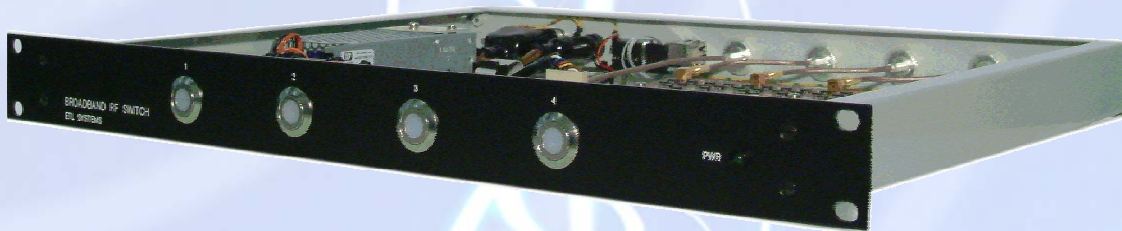


4x1 L-band / IF switch – with local and remote control



This 4 x 1 broadband switch covers L-band and also IF switching. It can be controlled from illuminated push buttons on the front panel and also remotely via an RJ45 port. The unit offers very high performance with fast solid state switching, high isolation, and nominal unity gain.



The switch is powered from a single mains power supply. An LED on the front panel shows the PSU status, and there is a dry contact alarm port for PSU failure.

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



RESILIENCE FLEXIBILITY RF PERFORMANCE

ETL Model Number – 23128

Technical Specifications



• RF Parameters

Capacity	4 x 1 switch
Frequency Range	50-2150 MHz
Insertion Loss	0dB typical \pm 1.5dB
Input Return Loss	10dB
Output Return Loss	10dB
Noise Figure	9dB
1dB Compression Point	+3dBm
Isolation IP to OP	60dB typical

• System Control

Local Control	Illuminated push buttons on front panel
Remote Connection	RJ45 ethernet port

• Power

Power Requirement	85/264V AC, 50/60 Hz
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• Environmental

Operating Temperature	0 to 50°C
Location	Indoor Use Only
Storage Temperature	-20°C to +75°C
Humidity	20-90% Non Condensing

• Physical

Connectors	BNC
Impedance	50 Ω
Dimensions	1U x 350mm x 19"
Colour	Matt black front panel

• Key Features

PSU	Single
Mains Inlets	Single
Alarms	Dry contact for PSU failure



ETL Model Number – 23128

ETL Systems develop, design and manufacture specialist equipment for satellite ground stations. For a fuller description of the ETL product range, please visit our website. This range can be used as the basis to meet your specific demands.



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