



L-band switch controller

This L-band switch controller is designed to allow the remote control of up to 8 off 32x1 switch modules (see Model 23124-S5) to build a 256 x 1 switch.

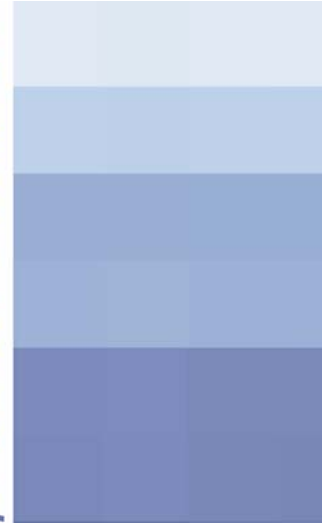
Control of the system can be from the front panel keypad and display or a remote control and monitoring system. Connection to the remote control and monitoring is either an Ethernet network or an RS232/RS485 serial connection. Controller configuration is carried out from a Telnet console interface.

Remote control of the system is by TCP socket communications or SNMP.

The communications link to the 32:1 switches can be via Ethernet or RS485 serial link and these can be mixed on a system for complete flexibility.

The standard unit has 50Ω SMA RF connectors but others are available. Similarly a version with dual redundant power supplies is also available.

product overview



Key features

- 8 x 1 switch controller to create a switch system up to 256 x 1
- 850 to 2150 MHz operating range
- 19" rack unit, 1U high
- Ethernet or serial control of remote switches
- Power requirement 90 to 264 V AC, 50/60 Hz, IEC inlets



Fig. 1 – 1U model 23161

Model 23161

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L-band switch controller - Technical Summary



Fig. 2 – 1U model 23161 switch controller – rear view showing ethernet control port for remote switches.

Other information

- 3 digit LED display to show selected input
- Single power supplies and mains inlet
- Dry contact alarm for PSU failure
- 1U high 350mm 19" shelf
- Colour – White.

<u>Parameter</u>	<u>Model 23161</u>
Capacity	8 x 1
Frequency	850-2150MHz
Impedance IN	50Ω or 75Ω
RF Port IN	SMA, BNC, N-type or F-type
Impedance OUT	50Ω or 75Ω
RF Port OUT	SMA, BNC, N-type or F-type
Isolation	
Frequency response	
Input Return Loss	
Output Return Loss	



Model 23161

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