

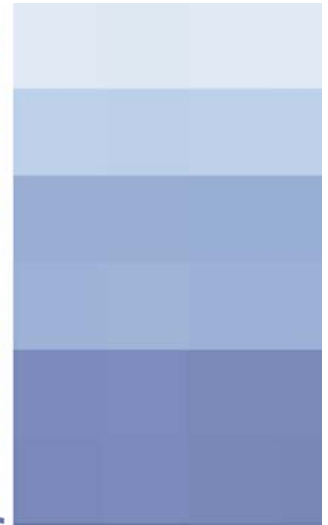


32 x 1 Broadband switch

This broadband monitoring switch can be locally and remotely controlled using the keypad and display on the front panel and via an RS232 / RS 485 serial port (a version with an ethernet interface is also available – see model 23123 for example). As with all ETL switches the simple serial protocol facilitates rapid integration into most M & C systems.

This unit has dual redundant power supplies and 50 ohm BNC connectors but others are available (model numbers will vary). The switch also has an internal termination position in which no input is connected to the output.

product overview



Key features

- 32x1 high performance monitoring switch
- 50 to 2150 MHz operating range
- 50Ω BNC connectors
- 19" rack unit, 2U high
- Remote control via RS 232 or RS 485
- Power requirement 85 to 260 V AC, 50/60Hz, IEC inlets



Fig. 1 – 2U model 23130 32x1 switch shelf with integrated controller and RS232 / 485 remote control.

Model 23130-B5

satellite systems

32 x 1 Broadband switch

Technical Summary



Fig. 2 – 2U model 23130 32x1 switch – rear view showing serial port for remote control.

Other information

- 2 digit LED display to show selected input (or 0 if the output is terminated)
- Dual redundant power supplies and dual mains inlets
- Dry contact alarm for PSU failure
- Similar models available ethernet RJ45 port
- 2U high 450mm 19" shelf
- Colour – Light Grey RAL 7035.

<u>Parameter</u>	<u>Model 23130-B5</u>
Capacity	32 x 1
Frequency	50-2150MHz
Impedance IN	50Ω
RF Port IN	BNC
Impedance OUT	50Ω
RF Port OUT	BNC
Isolation	50 dB typically
Insertion Gain	0 dB ± 1.5dB
Frequency response	±1.5 dB
Input Return Loss	10 dB typically
Output Return Loss	10 dB typically



Model 23130-B5

ETL Systems Limited
Coldwell Radio Station
Madley, Hereford,
England HR2 9HJ
T +44 (0)1981 259825
F +44 (0)1981 259839
E info@etlsystems.com
www.etlsystems.com

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

satellite systems



V 2.0 E & OE

THE QUEEN'S AWARDS
FOR ENTERPRISE:
INTERNATIONAL TRADE
2007