



16x1 Solid State high power switch

This 16x1 solid state switch works over the frequency range of 850 – 2150 MHz and offers an operating input power of up to +35dBm. It can be controlled from illuminated push buttons on the front panel and also remotely via the serial port. The unit offers very high performance with fast solid state switching, high isolation, and nominal unity gain.

Mounted in a compact 2U shelf, this switch includes an LED on the front panel showing the PSU status, along with a dry contact alarm port for on the rear panel for PSU failure.

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

product overview

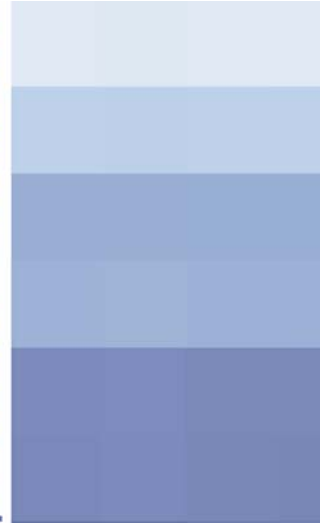


Fig 1 – model 23132-S5 front view with illuminated push buttons and single PSU status LED.

Key features

- 850–2150 MHz operating range
- 50 ohm SMA connectors (others available)
- 16 x 1 solid state based switching
- 40 dB input to output isolation
- Alarm monitoring via serial port
- Push button local control and remote control via serial port

Model 23132-S5

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Fig 2 – model 23132-S5 rear panel showing RF in/out ports, serial communications and dry contact alarm port.

Other information

- 90-264 VAC 50/60 Hz
- Single power supply
- Dry contact alarm for PSU failure
- 2U high 350mm 19" shelf
- Colour – Grey RAL 7035

<u>Parameter</u>	<u>Model 23132-S5</u>
Capacity	16 x 1 switch
Switching Type	Solid State
Control	Illuminated push buttons (PTM) on the front panel and remote control via RS232 or RS422/485.
Frequency	850-2150 MHz
Operating Power	+35dBm
Impedance IN/OUT	50Ω
RF Port IN/OUT	SMA –type, female on rear panel
Insertion loss	4 dB typical ± 1.5 dB
Isolation IP to OP	40 dB
Isolation IP to IP	35 dB
Input Return Loss	>15 dB
Gain Compression	+40dBm (Typical P1dB)
Environment	Indoor use, 0° to 50° C and 20 – 90% humidity (non-condensing).



Model 23132-S5

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