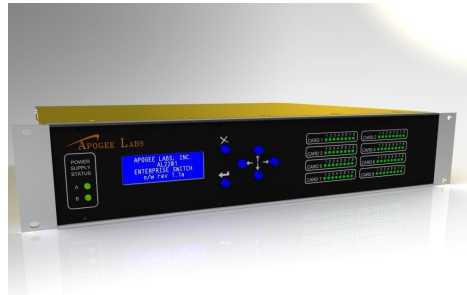




APOGEE LABS

AL2202

64 CHANNEL 100MHz ANALOG MATRIX SWITCH



FEATURES

- Full Fan-out Non-Blocking Switch
- 100MHz Analog Bandwidth
- Programmable Input / Output Impedance
- BNC or SMA I/O connectors
- Redundant power supplies
- Easy to use GUI for control through front panel or remotely via Ethernet (optional)

OVERVIEW

The AL2202 100MHz analog matrix switch for routing and distributing between telemetry and communications equipment such as receivers, demodulators, bit syncs, and recorders. It is an ideal and cost effective alternative to a patch panels.

The AL2202 is a fully non-blocking matrix switch capable of accommodating matrices such as 8x8, 16x16, 24x24, and 32x32 for analog signals up to 100MHz. The AL2202 has an integrated control interface and display as well as an optional GUI for control via Ethernet.

SPECIFICATIONS

INPUTS / OUTPUTS

- Up to 64 Signals
- Supports configurations of: 8x8, 16x16, 24x24, 32x32.
- 50 or 75 Ohm termination

ANALOG BANDWIDTH

- 3dB cutoff frequency 100MHz

ISOLATION

- Crosstalk Isolation: >80 dB @ 1MHz, >60dB @10MHz, >30dB @ 100MHz

CONTROL

- Front panel
- Secure remote control over Ethernet via GUI or SSH

CONFIGURATION STORAGE / RETRIEVAL

- Local - 256 individual configurations

MECHANICAL

- 2U chassis (400 mm deep); 3.5" high

POWER

- 100 to 240V AC, 50 to 60 Hz
- Dual redundant DC power supplies

ENVIRONMENT

- Operating temperature: 0° C to +50° C
- Relative humidity: 0 to 95%, non-condensing