

### General

The SS244 switching systems are specifically designed for high performance switching and distributing IF signals in the demanding 20-200MHz band. They are part of our G2 family of products, include many advanced features and they are available in 50 or 75 ohm versions.

The SS244 units are designed to provide excellent IF signal performance with consideration for low crosstalk isolation, low noise figure, low gain flatness and high intercept specifications. These field proven rugged units are both compact and cost-effective. They provide the systems engineer with one of the best integrated solutions for reliably routing IF signals for critical applications. A given input can be connected to one, many or up to all outputs at the same time (full fanout).

Built-in features include redundant hot-swap power supplies, integrated rack mounting plus a powerful command and status protocol (488.2 compliant). With a global installation base, they are considered the next generation of switching systems to meet today's and tomorrow's needs for high performance and cost effective IF switching.



Front view with hinged front panel open exposing redundant plug-in power supplies (included) and plug-in CPU.

### Applications

The advanced and sophisticated features of the SS244 systems allows them to be used in numerous applications:

- Ground stations
- Uplink or downlink signal routing
- Base installations
- Communication centers
- Satellite installations

### Features

- Designed for low level, low noise IF applications
- Solid-state GaAs switching elements
- Wide 20MHz to 200MHz bandpass (min)
- BNC signal connectors
- Full fanout, non-blocking design
- Unity gain, high isolation signal path
- Front panel LED back-lit keypad controls
- High contrast vacuum-fluorescent display
- Various remote interface choices included
- Includes Ethernet with TCP/IP
- Command set is 488.2 compliant
- Rugged 2RU high aluminum chassis (3.50")
- International AC power range
- Self-monitoring hot-swap plug-in power supplies
- Rack mount design (19 inch)
- Built-in chassis slide mounting (slides not included)
- Certified CE EN61010 (LVD)



