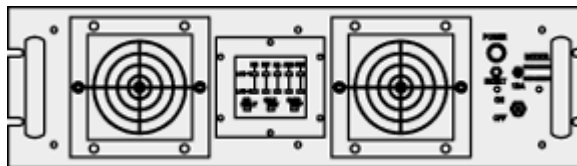


# 112 x 112 Baseband Switch Matrix

The 1201 is the ULTIMATE ANSWER if you are switching and distributing large numbers of analog, video and telemetry signals with no space for an additional rack! Advanced BITE not only verifies that the signal route is connected but also verifies the route's fidelity. If a signal route does not satisfy the connection or fidelity criteria, an alternate internal route is automatically selected. Control of the matrix is provided remotely through RS-232 and LAN control interfaces. The front panel display provides LAN status only.



- Full Fan-out Architecture
- Accommodates Mixed Signal Environments
- Ultra High Density, Smallest Rack Space
- Built In Test Equipment
- Very Low DC Offsets
- Internal Redundant Signal Paths

## Specifications

Family Model Number.....	1201-112M-112M-1/5
Max Matrix Config.....	112 x 112
Frequency Range.....	DC to 40MHz
Controller Connection Time.....	500µs
Max Operating Input Levels.....	+10dBm, +/- 5 VDC
Max Level (No Damage).....	+20dBm, +/- 10 VDC
Gain.....	0 dB, +/- 1 dB to 12 MHz 0 dB, +/- 3 dB to 40 MHz
DC Offsets.....	+/- 20 mV max
Isolation	
Input/Input.....	50 dB min
Input/Output.....	40 dB min
Input Impedance.....	50 or 600Ω unbalanced
Output Impedance.....	50Ω unbalanced
VSWR.....	1.5:1 max
Remote Control.....	RS-232 and 10Base2(TCP/IP)
I/O Connectors.....	Circular Multipin
Primary Power.....	117/230 VAC 50/60 Hz
Size.....	5.25"H(3u) 19" W x 21.5"D
Operating Temperature.....	0° to +50° C