Frequency Range 700-3000 MHz

Configuration 2 x 18 Blocking Solid-State Matrix
(Unused input ports self-terminating)
(Unused output ports self-terminating)
See Block Diagram 092-8257

Enclosure Type 19 inch rack mount @ 4RU high

Impedance 50 Ohms nominal

VSWR 1.5:1 typical / 1.8:1 maximum

Insertion Loss 5.5 dB typical @ 700MHz
8.5 dB typical @ 3000MHz

Isolation
Input to Input - 90 dB typical
- 70 dB minimum
Output to Output - 90 dB typical
- 70 dB minimum
Input to Output - 90 dB typical
- 70 dB minimum

RF Input Power +30 dBm average

Switching Speed 50 microseconds
(after command is received and processed)
(3 milliseconds typical processing time)

AC Supply 100-240 VAC @ 47-63 Hz
2 Amp 5x20mm "Slo-Blo" AC fuse
Littelfuse#215-002, JFW#025-021

Manual Control 20-Button Keypad and LCD display
(IP Address configurable via keypad)
(Net mask configurable via keypad)
(Gateway configurable via keypad)
(Baud rate configurable via keypad)

Remote Control Ethernet (DHCP, TCP/IP, 10/100, up to 12 users)
RS-232 (Up to 115200 Baud)

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Remote Command Format

Matrix Commands:
Set Input, Set Output, Read Input, Read Output

System Commands:
Help, Identification, Store, Recall, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, Restrict, IDENT, Name, Show Users, Reboot, Uptime, Prompt

RF Connector
N female

Temperature Ranges
Operating: 0°C to +70°C
Storage: -55°C to +85°C

Physical Size
See outline drawing 092-8256