

**SPECIFICATION SHEET**

**JFW MODEL 50SA-394**

**SWITCH ASSEMBLY**

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Frequency Range	DC-18 GHz
Configuration	2 individually controlled 1P3T normally open reflective RF switches
Enclosure Type	19 inch rack mount @ 2RU high
Startup/Default States (configurable)	RF switches off at startup (see SWITCH command) DHCP enabled (see NET command) 4 Ethernet users (see NET command) Prompts off (see PROMPT command)
Impedance	50 Ohms nominal
VSWR	1.2:1 maximum DC-4 GHz 1.3:1 maximum 4-8 GHz 1.4:1 maximum 8-12 GHz 1.5:1 maximum 12-18 GHz
Insertion Loss	0.2 dB maximum DC-4 GHz 0.3 dB maximum 4-8 GHz 0.4 dB maximum 8-12 GHz 0.5 dB maximum 12-18 GHz
Isolation	70 dB minimum DC-4 GHz 65 dB minimum 4-8 GHz 65 dB minimum 8-12 GHz 60 dB minimum 12-18 GHz
RF Input Power	50 Watts average (Cold-switched) 1 Watt average (Hot-Switched)
Switching Speed	20 milliseconds typical (after command is received and processed) (3 milliseconds typical processing time)
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)
Control	Ethernet (DHCP, TCP/IP, 10/100, up to 12 users) RS-232 (up to 115200 Baud)

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