SPECIFICATION SHEET
JFW MODEL 75MS-053
MATRIX SWITCH

Frequency Range	DC-1218 MHz
Configuration	8 x 8 Blocking Electro-Mechanical Matrix Switch (Unused input ports are terminated) (Unused output ports are terminated) (See Block Diagram 092-9492)
Enclosure Type	19 inch rack mount
Impedance	75 Ohms nominal
RF Connectors	F female
VSWR	1.8:1 maximum < 1.4:1 typical
Insertion Loss	3.5 dB maximum 1.5 dB typical @ 1218 MHz
Isolation	50 dB minimum 70 dB typical
RF Input Power	+20 dBm
Switching Speed	10 milliseconds (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)
Remote Control	Ethernet (DHCP, 10/100, TCP/IP, up to users) RS-232 (Up to 115200 baud)
Remote Command Format	Matrix Control 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

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Startup/Default States (configurable)	All ports off at startup (see MATRIX command)
	DHCP enabled (see NET command)
	4 Ethernet users (see NET command)
	Prompts off (see PROMPT command)
	All of these default settings can be changed by user.
	Unit can be configured for up to 12 Ethernet users.
AC Supply	100-240 VAC @ 47-63 Hz
Operating Temperature Range	0° to +50°C
Physical Size	See outline drawing 092-9805

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