

SPECIFICATION SHEET
JFW MODEL 75SA-053
SOLID-STATE SWITCH ASSEMBLY

JFW Industries, Inc.
Phone: 317-887-1340
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Frequency Range	45-1003 MHz
Configuration	1P80T self-terminating solid-state RF switch
Enclosure Type	19 inch rack mount @ 5RU high
Startup/Default States (configurable)	RF Switch off at startup (see SWITCH command) DHCP enabled (see NET command) 4 Ethernet users (see NET command) Prompts off (see PROMPT command)
Impedance	75 Ohms nominal
VSWR	1.5:1 typical 1.7:1 maximum
Insertion Loss	2.5 dB typical 45-500MHz 4.0 dB typical 500-1003MHz 5.0 dB maximum 45-1003MHz
Isolation	65 dB typical 55 dB minimum
RF Input Power	+20 dBm
Switching Speed	50 microseconds (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, TCP/IP, 10/100, up to 12 users) RS-232 (up to 115200 Baud)
Remote Commands	RF Switch Control Commands: Switch, Set Switch, Read Switch 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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AC Supply 100-240 VAC @ 47-63 Hz
4 Amp 5x20mm "Slo-Blo" AC fuse
Littelfuse #215-004, JFW #025-018

RF Connector F female

Operating Temperature Range 0° to +50° C

Physical Size See outline drawing 092-6644



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/14/2010		BAC 07/14/2010				
24239	12/09/2014	A	TRS 12/09/2014				