

SPECIFICATION SHEET

JFW MODEL 75SA-030

SWITCH ASSEMBLY

JFW Industries, Inc.
Phone: 317-887-1340
sales@jfwindustries.com
www.jfwindustries.com

Frequency Range	5-1000 MHz
Configuration	10 individually controlled 1P4T reflective solid-state RF switches
Enclosure Type	19 inch rack mount @ 4RU 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	75 Ohms nominal
VSWR	1.3:1 maximum
Insertion Loss	2.5 dB maximum
Isolation	60 dB minimum
RF Input Power	+20 dBm (1 dB compression) +30 dBm (no damage)
Switching Speed	10 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, Set All Switches, Read All Switches System Commands: Help, Identification, Store, Recall, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, Restrict, IDENT, Name, Show Users, Reboot, Uptime, Prompt
RF Connector	F female

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

Operating Temperature Range 0°C to +50°C

Physical Size See outline drawing 092-4915



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	08/22/2005		SL 08/22/2005	16179	08/07/2008	C	TRS 08/07/2008
11839	09/07/2005	A	SL 09/07/2005	20002	04/20/2011	D	TRS 04/20/2011
15916	05/28/2008	B	TRS 05/28/2008	24239	12/09/2014	E	TRS 12/09/2014