SPECIFICATION SHEET
JFW MODEL 75SA-092
SWITCH ASSEMBLY

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

Frequency Range	5-1000 MHz
Configuration	1P8T self-terminating solid-state RF switch
Enclosure Type	Benchtop
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	1.2:1 typical / 1.4:1 maximum
Insertion Loss	2.8 dB typical / 3.5 dB maximum
Isolation	80 dB typical / 70 dB minimum
RF Input Power	+10 dBm 5-100 MHz +20 dBm 100-1000 MHz
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 System Commands: Help, Identification, Store, Recall, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, Restrict, IDENT, Name, Show Users, Reboot, Uptime, Prompt
AC Supply	100-240VAC @ 47-63 Hz 2 Amp 5x20mm "Slo-Blo" AC fuse Littelfuse #215-002, JFW #025-021
RF Connector	BNC, F or TNC female
Operating Temperature Range	0°C to +50°C
Physical Size	See outline drawing 092-8328

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	06/03/2015		BAC 06/03/2015				