SPECIFICATION SHEET

JFW MODEL 75SA-050 SWITCH ASSEMBLY

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

Frequency Range DC-2150 MHz

Configuration 4 individually controlled 1P2T failsafe self-

terminating electro-mechanical RF switches

(Port 1 is failsafe position)

Enclosure Type Benchtop

Startup/Default States

(configurable)

RF Input Power

Manual Control

RF switches to port J1 at startup (see SWITCH 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.

Impedance 75 Ohms nominal

VSWR 1.60:1 maximum 1.40:1 typical

Insertion Loss 1.3 dB maximum

0.8 dB typical @ 2150 MHz

50 dB minimum DC-1000 MHz 45 dB minimum 1000-2150 MHz Isolation

70 dB typical @ 1000 MHz 60 dB typical @ 2150 MHz

+20 dBm

Switching Speed 10 milliseconds typical

> (after command is received and processed) (3 milliseconds typical processing time)

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)

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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 BNC, F or TNC female

AC Supply 100-240 VAC @ 47-63 Hz

Temperature Ranges Operating 0°C to +50°C

Physical Size See outline drawing 092-6481

ECR/ECN	# DATE	REV	APPR / DATE	ECR/ECN # DATE	REV APPR / DATE
	03/04/2010		CLK 03/04/2010		
24239	08/06/2015	A	TRS 08/06/2015		
25655	08/13/2015	В	TRS 08/13/2015		

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