

SPECIFICATION SHEET

JFW MODEL 75SA-085

SWITCH ASSEMBLY

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

Frequency Range	DC-1450 MHz
Configuration	2 individually controlled 1P2T failsafe self-terminating electro-mechanical RF switches (Port 1 is failsafe position)
Enclosure Type	Benchtop
Startup/Default States (configurable)	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	50 Ohms nominal
VSWR	1.4:1 maximum DC-500 MHz 1.6:1 maximum 500-1450 MHz 1.15:1 typical @ 500 MHz 1.30:1 typical @ 1450 MHz
Insertion Loss	0.6 dB maximum 0.3 dB typical
Isolation	50 dB minimum DC-500 MHz 45 dB minimum 500-1450 MHz
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, 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

AC Supply

100-240 VAC @ 47-63 Hz

RF Connector

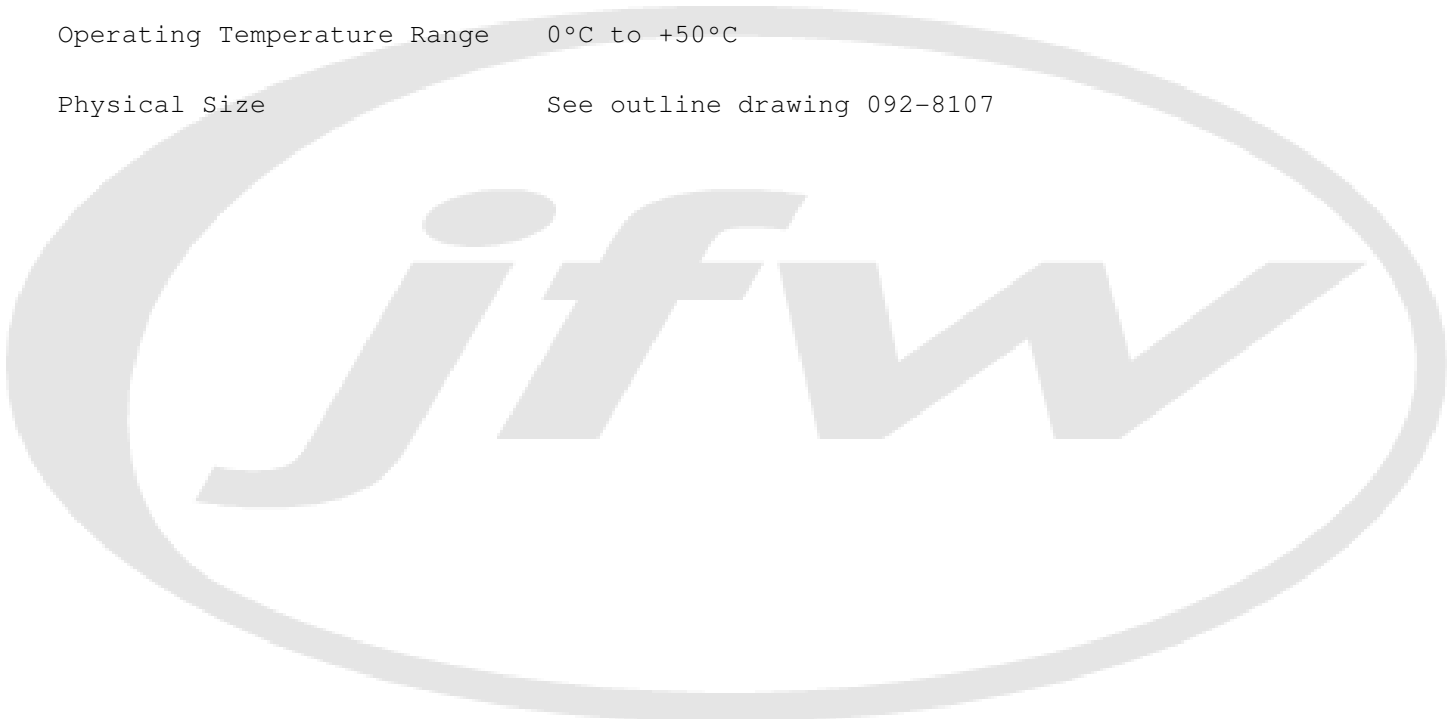
BNC, F or TNC female

Operating Temperature Range

0°C to +50°C

Physical Size

See outline drawing 092-8107



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/30/2014		TRS 09/30/2014				
24239	08/06/2015	A	TRS 08/06/2015				