SPECIFICATION SHEET

JFW MODEL 75SA-096
SWITCH ASSEMBLY

Frequency Range	5-2150 MHz
Configuration	4 individually controlled 1P2T self-terminating solid-state RF switches
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	75 Ohms nominal
VSWR	1.6:1 maximum 1.4:1 typical
Insertion Loss	2.8 dB maximum 2.0 dB typical @ 2150 MHz
Isolation	70 dB minimum 80 dB typical
RF Input Power	+10 dBm 5-100 MHz +20 dBm 100-2150 MHz
Switching Speed	10 microseconds typical (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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JFW FORM E-7-F REV F

SPECIFICATION SHEET

JFW MODEL 75SA-096

SWITCH ASSEMBLY

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 Range	0°C to +50°C
Physical Size	See outline drawing 092-8386

ECR/ECN # DATE	REV APPR / DATE	ECR/ECN # DATE	REV APPR / DATE
08/12/2015	TRS 08/13/2015		

JFW FORM E-7-F REV F