SPECIFICATION SHEET

JFW MODEL 50SA-455

SWITCH ASSEMBLY

Frequency Range	2-6 GHz
Configuration/Notes	8 individually controlled 1P4T self-terminating solid-state RF switches (Valid port settings: 1, 2, 3, 4) (RF switches have no all off state)
Enclosure Type	19 inch rack mount @ 2RU high
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)
Impedance	50 Ohms nominal
VSWR	1.6:1 typical / 2.0:1 maximum
Insertion Loss	3.0 dB typical / 4.0 dB maximum
Isolation	95 dB typical / 80 dB minimum
RF Input Power	+20 dBm maximum
Switching Speed	500 nanoseconds typical (after command is received and processed) (typical processing time is 3 milliseconds)
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)
Control	Ethernet (DHCP, TCP/IP, 10/100, up to 12 users) RS-232 (up to 115200 Baud)
Command Set	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

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JFW FORM E-7-F REV F

SPECIFICATION SHEET

JFW MODEL 50SA-455

SWITCH ASSEMBLY

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

RF Connectors   SMA female

Operating Temperature Range   0° to +65° C

Physical Size   See outline drawing 092-7908

ECR/ECN # DATE	REV APPR / DATE	ECR/ECN # DATE	REV APPR / DATE
01/08/2014	BAC 01/08/2014		
24250 06/16/2014	A BAC 06/16/2014		

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