

SPECIFICATION SHEET**JFW MODEL 50SA-697****SWITCH ASSEMBLY**

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

Frequency Range 0.5-18 GHz

Configuration 1P2T self-terminating solid-state RF switch

Enclosure Type 19 inch rack mount @ 2RU high

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 50 Ohms nominal

VSWR 1.6:1 typical 0.5-4 GHz
1.8:1 typical 4-18 GHz
2.2:1 maximum 0.5-18 GHz

Insertion Loss 2.4 dB typical 0.5-8 GHz
3.0 dB typical 8-18 GHz
3.5 dB maximum 0.5-18 GHz

Isolation 80 dB typical 0.5-8 GHz
70 dB typical 8-18 GHz
65 dB minimum 0.5-18 GHz

RF Input Power +27 dBm maximum

Switching Speed 100 nanoseconds
(after command is received and processed)
(3 milliseconds typical processing time)

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 100-240 VAC @ 47-63 Hz

RF Connector SMA female

Operating Temperature Range 0°C to +50°C

Physical Size See outline drawing 092-9459

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