

**SPECIFICATION SHEET**  
**JFW MODEL 50PA-979**  
**HANDOVER TEST SYSTEM**

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

Frequency Range	698-3000 MHz
Configuration	6 x 8 Handover System (see block diagram 092-8473 for attenuator addressing) (all ports are bi-directional) (full fan-out configuration) (the ADMIN password is located on rear panel)
Enclosure Type	19 inch rack mount @ 8RU high
Impedance	50 Ohms nominal
Attenuation Range	0-95 dB in 1 dB steps
Startup/Default States (configurable)	Maximum attenuation (see ATTEN STARTUP command) DHCP enabled (see NET command) 4 Ethernet users (see NET USERS 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.
VSWR	1.7:1 maximum < 1.5:1 typical
Insertion Loss	35 dB maximum 30 dB typical @ 698 MHz 34 dB typical @ 3000 MHz
Attenuation Accuracy	± 0.50 dB                    1-7 dB ± 1.00 dB                    8-11 dB ± 1.25 or 3%                12-95 dB (whichever is greater) (guaranteed monotonic)
Isolation	50 dB minimum (Input to Input) 50 dB minimum (Output to Output)
RF Input Power	+30 dBm average
Switching Speed	1 microsecond typical (after command 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)

**--CONTINUED--**

**SPECIFICATION SHEET**  
**JFW MODEL 50PA-979**  
**HANDOVER TEST SYSTEM**

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

Remote Commands

Attenuator Control Commands:  
 Atten, Set Path, Read Path, Read All Paths, Set  
 Attenuator, Read Attenuator, Set All Attenuators, Read  
 All Attenuators, Read All Extended, Fade Attenuator,  
 Variable Attenuator Handover, Block, Set Block, Read  
 Block, Read All Blocks, Fade Block, Variable Block  
 Handover

System Commands:  
 Help, Identification, Store, Recall, Pause, Net,  
 Serial, Close, Disconnect, MOTD, Date, Message,  
 Restrict, IDENT, Name, Show Users, Reboot, Uptime,  
 Prompt

RF Connector

SMA female

Temperature Range

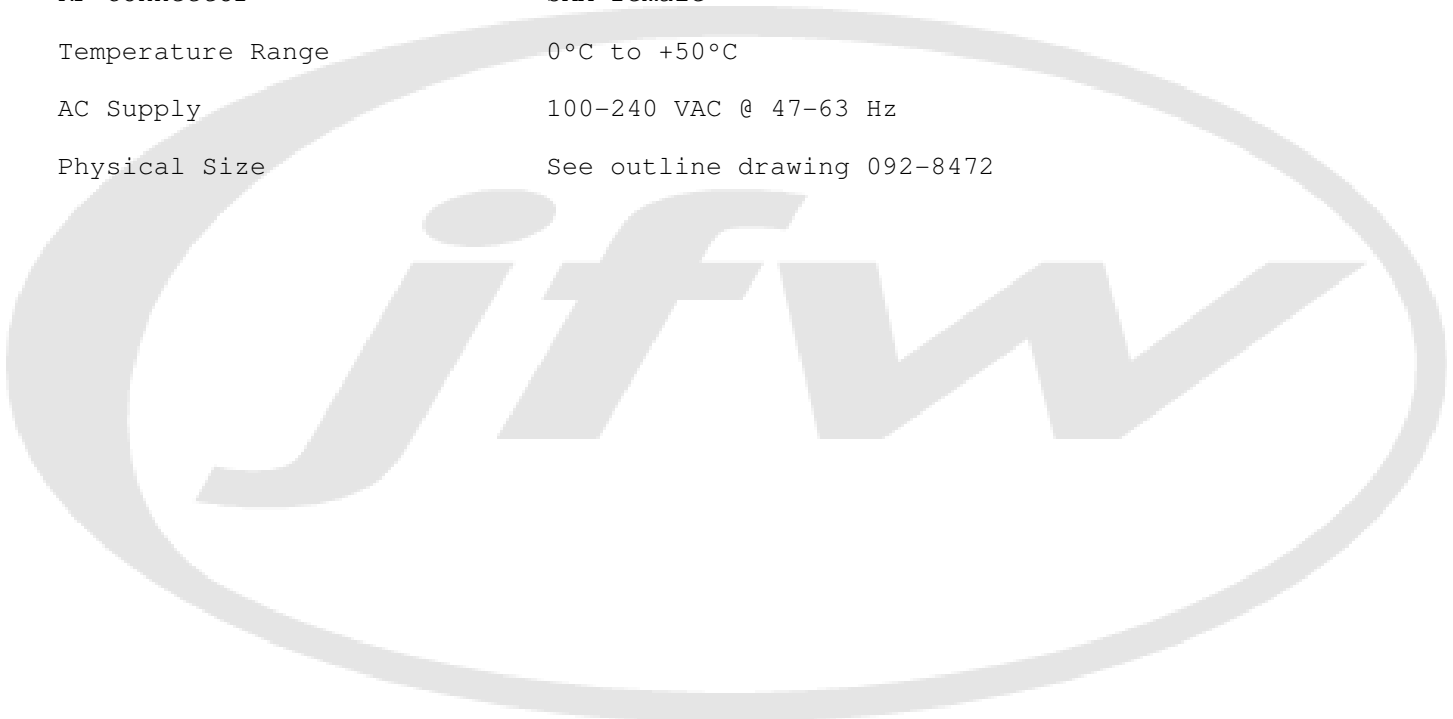
0°C to +50°C

AC Supply

100-240 VAC @ 47-63 Hz

Physical Size

See outline drawing 092-8472



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	11/09/2015		CLK 11/09/2015				