

SPECIFICATION SHEET
JFW MODEL 50PA-1089
HANDOVER TEST SYSTEM

JFW Industries, Inc.
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Frequency Range	698-3000 MHz
Configuration	4 x 4 Handover Test System (See block diagram 092-5895 for attenuator addressing) (all ports are bi-directional) (full fan-out i.e. every path has its own attenuator) (the ADMIN password is located on rear panel)
Enclosure Type	19 inch rack mount @ 3RU high
Impedance	50 Ohms nominal
Attenuation Range	0-127 dB in 1 dB steps
Startup/Default States (configurable)	Maximum attenuation (see ATTEN 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.
VSWR	1.6:1 maximum 1.3:1 typical
Attenuation Accuracy	± 0.5 dB 1-7 dB ± 1.0 dB 8-11 dB ± 1.25 dB or 5% 12-127 dB (whichever is greater) (guaranteed monotonic)
Insertion Loss	29 dB maximum 27 dB typical
Power Divider Isolation	20 dB minimum 25 dB typical
RF Input Power	1 Watt average
Switching Speed	4 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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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

N or SMA female

AC Supply

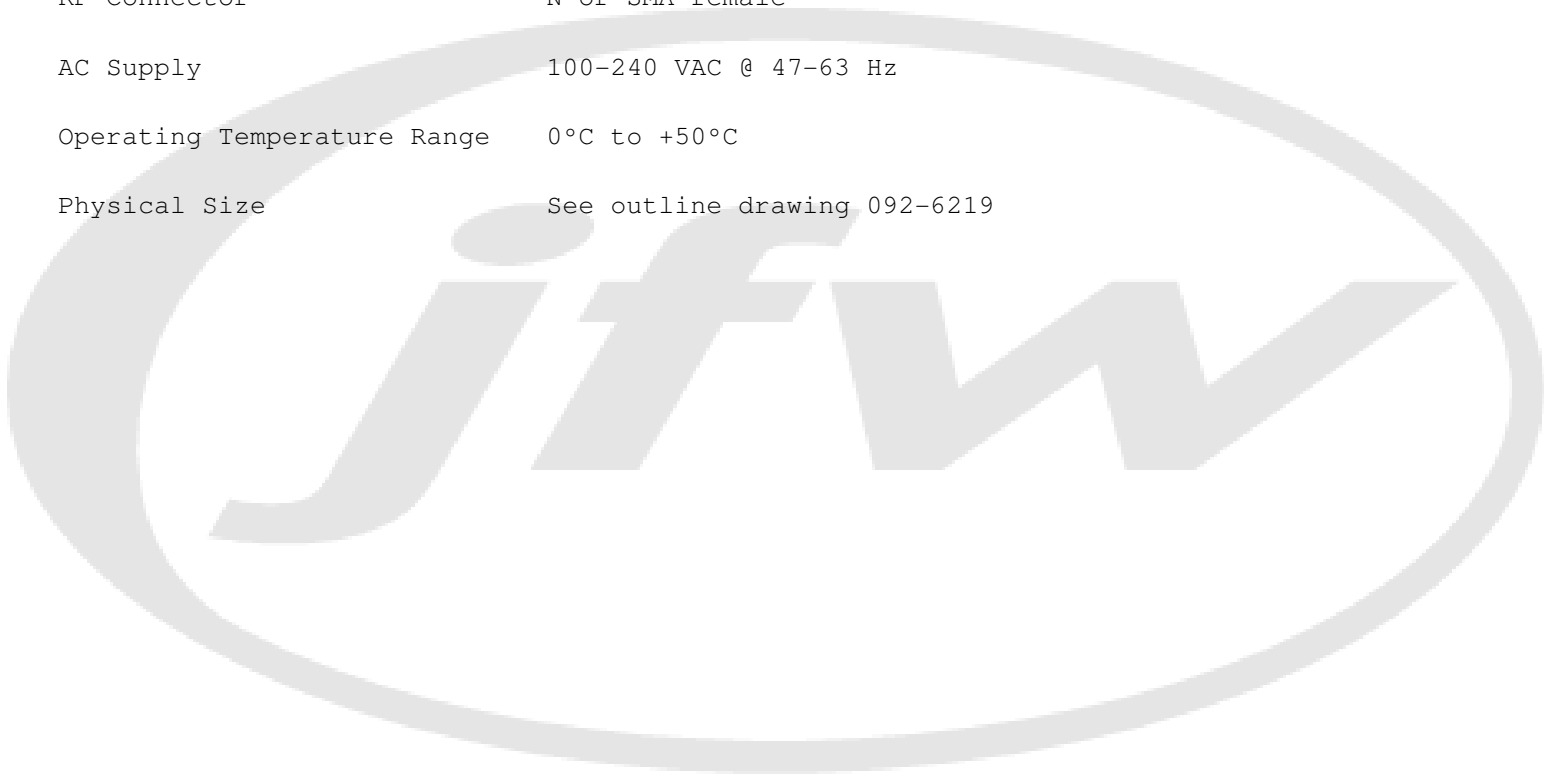
100-240 VAC @ 47-63 Hz

Operating Temperature Range

0°C to +50°C

Physical Size

See outline drawing 092-6219



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	04/10/2018		TRS 04/10/2018				
32074	08/17/2022	A	TRS 08/17/2022				