

SPECIFICATION SHEET
JFW MODEL 50PA-1091
LC HANDOVER TEST SYSTEM

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

Frequency Range	698-3000 MHz
Configuration	8 X 2 LC Handover Test System (See block diagram 092-7337)
Enclosure Type	19 inch rack mount @ 2RU high
Impedance	50 Ohms nominal
Attenuation Range	0-127 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)
VSWR	1.7:1 maximum 1.4:1 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	25.5 dB maximum 23.5 dB typical
Isolation	24 dB minimum (ANT 1-8 to ANT 1-8) 20 dB minimum (J1 to J2)
RF Input Power	+27 dBm average +30 dBm (no damage)
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 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

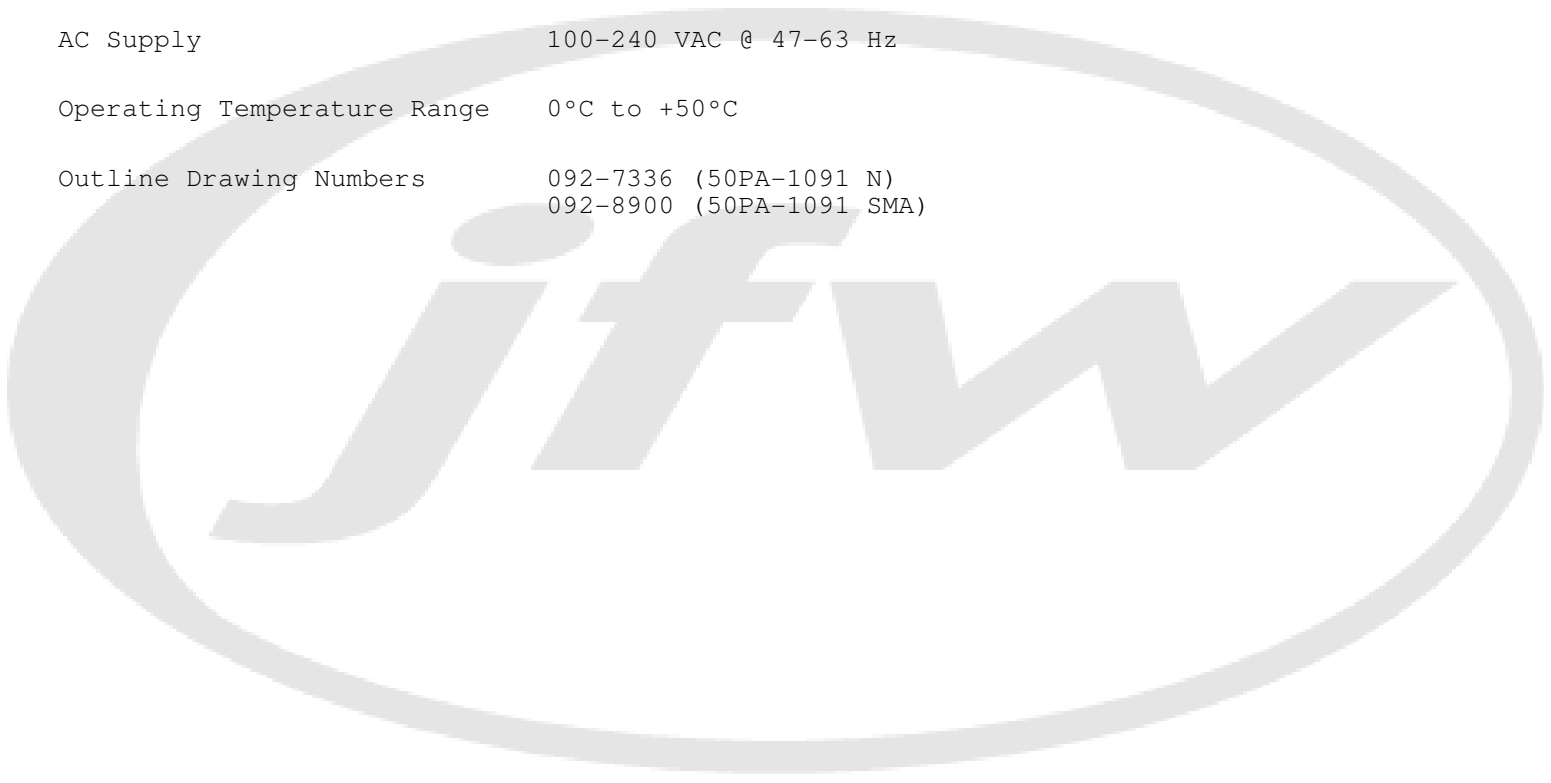
100-240 VAC @ 47-63 Hz

Operating Temperature Range

0°C to +50°C

Outline Drawing Numbers

092-7336 (50PA-1091 N)
 092-8900 (50PA-1091 SMA)



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	04/11/2018		TRS 04/11/2018				
32074	08/17/2022	A	TRS 08/17/2022				