

SPECIFICATION SHEET
JFW MODEL 50PA-811
LC HANDOVER TEST SYSTEM

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

Frequency Range	30-3000 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	0-95 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)
VSWR	1.6:1 maximum
Attenuation Accuracy (guaranteed monotonic)	± 0.50 dB 1-7 dB ± 1.00 dB 8-11 dB ± 1.25 dB or 3% 12-95 dB (whichever is greater)
Insertion Loss	31 dB maximum
Isolation	34 dB minimum (ANT 1-8 to ANT 1-8) 18 dB minimum (J1 to J2)
RF Input Power	+23 dBm average +28 dBm (no damage)
Switching Speed	1 microsecond typical (after command is received & 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

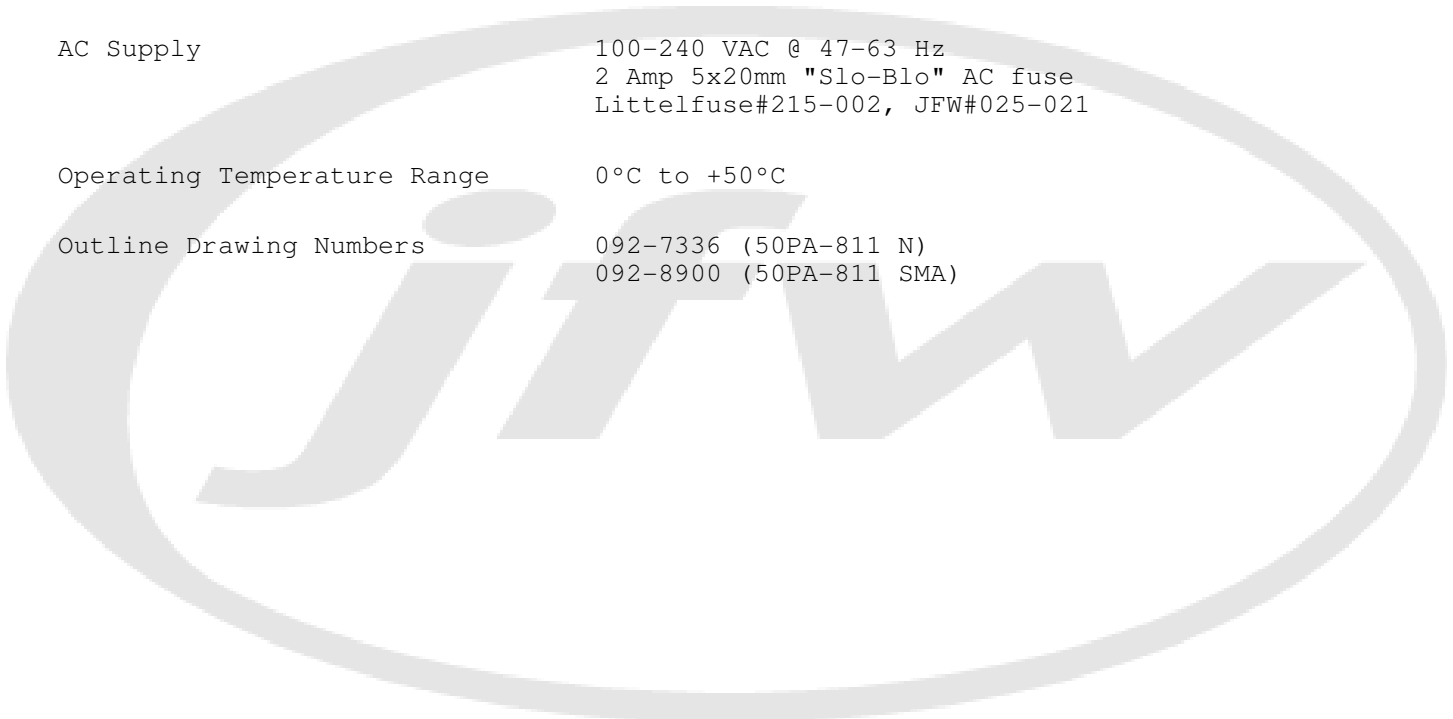
100-240 VAC @ 47-63 Hz
 2 Amp 5x20mm "Slo-Blo" AC fuse
 Littelfuse#215-002, JFW#025-021

Operating Temperature Range

0°C to +50°C

Outline Drawing Numbers

092-7336 (50PA-811 N)
 092-8900 (50PA-811 SMA)



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/15/2013		TRS 07/15/2013				
24239	07/03/2014	A	TRS 07/03/2014				
28065	08/30/2017	B	TRS 08/30/2017				