

SPECIFICATION SHEET
JFW MODEL 50PA-622
LC HANDOVER TEST SYSTEM

JFW Industries, Inc.
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Frequency Range	700-3000 MHz
Configuration	8 x 2 LC Handover Test System (See block diagram 092-5588)
Enclosure Type	19 inch rack mount @ 2RU high
Impedance	50 Ohms nominal
VSWR	1.7:1 maximum 1.5:1 typical
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)
Attenuation Accuracy	± 0.7 dB or 2% maximum ± 0.5 dB or 2% typical (whichever is greater) (guaranteed monotonic)
Insertion Loss	ANT1-ANT8 to J1 or J2: 25.0 dB maximum 18.5 dB typical @ 700 MHz 22.6 dB typical @ 3000 MHz
Isolation	Ant 1-8 to Ant 1-8: 30 dB minimum J1 to J2: 20 dB minimum
RF Input Power	+20 dBm average +30 dBm (no damage)
Switching Speed	5 microseconds typical (after command is received and processed) (3 milliseconds typical processing time)
AC Supply	100-240 VAC @ 47-63 Hz 0.36 Amps @ 120 VAC nominal 2 Amp 5x20mm "Slo-Blo" AC fuse Littelfuse#215-002, JFW#025-021

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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)
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 female
Operating Temperature Range	0°C to +50°C
Physical Size	See outline drawing 092-6450

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/02/2010		TRS 12/02/2010				
23274	09/26/2013	A	TRS 09/26/2013				
24239	07/03/2014	B	TRS 07/03/2014				