

**SPECIFICATION SHEET**  
**JFW MODEL 50PA-799**  
**LC HANDOVER TEST SYSTEM**

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

Frequency Range	700-3000 MHz
Configuration	6 x 1 LC Handover Test System (See block diagram 092-5640)
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 (guaranteed monotonic)	$\pm 0.7$ dB or 2% maximum $\pm 0.5$ dB or 2% typical (whichever is greater)
Insertion Loss	20 dB maximum 14.2 dB typical @ 700 MHz 17.8 dB typical @ 3000 MHz
Isolation	30 dB minimum IN 1-6 to IN 1-6
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 0.4 Amps @ 120 VAC nominal 0.2 Amps @ 240 VAC nominal 2 Amp 5x20mm "Slo-Blo" AC fuse Littelfuse#215-002, JFW#025-021
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

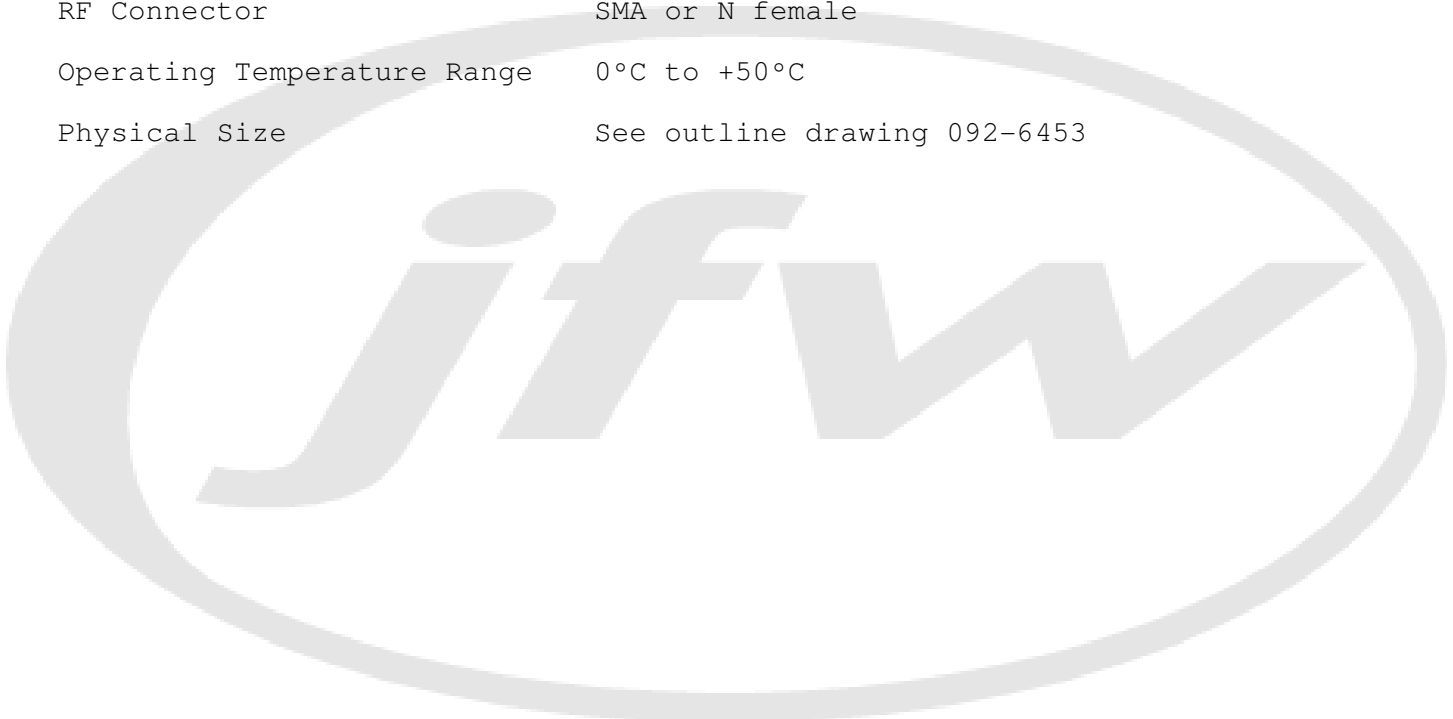
SMA or N female

Operating Temperature Range

0°C to +50°C

Physical Size

See outline drawing 092-6453



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	05/20/2013		CLK 05/20/2013				