

SPECIFICATION SHEET

JFW MODEL 75PA-091

PROGRAMMABLE ATTENUATOR ASSEMBLY

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

Frequency Range	5-1000 MHz
Configuration	Single solid-state programmable attenuators
Enclosure Type	19 inch rack mount @ 2RU high
Impedance	75 Ohms nominal
Attenuation Range	0-63 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
Attenuation Accuracy (guaranteed monotonic)	± 0.5 dB or 2% of programmed (whichever is greater)
Insertion Loss	4.5 dB maximum 2.5 dB typical @ 5 MHz 4.0 dB typical @ 1000 MHz
RF Input Power	+10 dBm average
Switching Speed	20 microseconds typical (after command is received and processed) (3 milliseconds typical processing time)
AC Supply	100-240 VAC @ 47-63 Hz 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, Fade Attenuator

System Commands:

Help, Identification, Store, Recall, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, Restrict, IDENT, Name, Show Users, Reboot, Uptime, Prompt

RF Connector

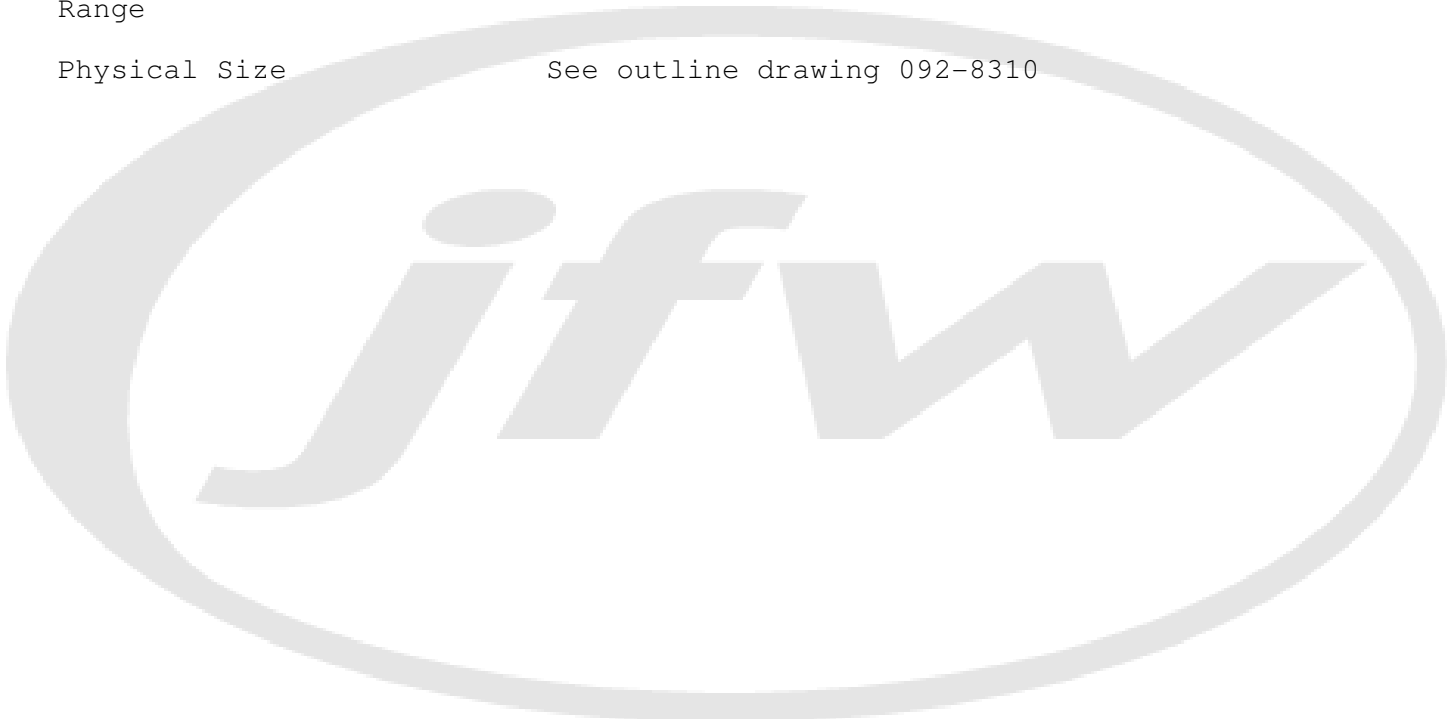
F female

Operating Temperature Range

0°C to +50°C

Physical Size

See outline drawing 092-8310



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	05/05/2015		CLK 05/05/2015				