

**SPECIFICATION SHEET**

**JFW MODEL 75PA-086**

**PROGRAMMABLE ATTENUATOR ASSEMBLY**

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

Frequency Range	5-1650 MHz
Configuration	Three individually controlled solid-state programmable attenuators
Enclosure Type	Benchtop
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 1.5:1 typical
Attenuation Accuracy	± 0.5 dB or 3% of programmed (whichever is greater) (guaranteed monotonic)
Insertion Loss	2.0 dB typical @ 5MHz 3.0 dB typical @ 1000MHz 4.0 dB typical @ 1650MHz 4.5 dB maximum 5-1650MHz
RF Input Power	+10 dBm
Switching Speed	10 microseconds typical (after command is received & processed) (3 milliseconds typical processing time)
AC Supply	100-240 VAC @ 47-63 Hz 0.2 Amps @ 120 VAC nominal 0.1 Amps @ 240 VAC nominal 2 Amp 5x20mm "Slo-Blo" AC fuse Littlefuse#215-002, JFW#025-021
Remote Control	Ethernet (DHCP, TCP/IP, 10/100, up to 12 users) RS-232 (up to 115,200 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

F female

Operating Temperature Range

0°C to +50°C

Physical Size

See outline drawing 092-8113



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/02/2014		CLK 10/02/2014				