

SPECIFICATION SHEET

JFW MODEL 50PA-849

PROGRAMMABLE ATTENUATOR ASSEMBLY

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

Frequency Range	DC-1000 MHz
Configuration	Eight individually controlled electromechanical programmable attenuators
Enclosure Type	19 inch rack mount @ 2RU high
Impedance	50 Ohms nominal
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)
VSWR	1.5:1 maximum
Attenuation Accuracy (guaranteed monotonic)	± 0.6 dB maximum (1-31 dB) ± 1.0 dB maximum (32-127 dB)
Insertion Loss	2.00 dB maximum
RF Input Power	1 Watt average
Switching Speed	6 milliseconds 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, Set All Attenuators, Read All Attenuators, Read All Extended, Block, Set Block, Read Block, Read All Blocks

System Commands:

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

RF Connector

BNC female

Operating Temperature Range

0°C to +50°C

Physical Size

See outline drawing 092-7906



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	01/02/2014		CLK 01/02/2014				
24239	06/27/2014	A	TRS 06/27/2014				