

SPECIFICATION SHEET

JFW MODEL 75PA-068

PROGRAMMABLE ATTENUATOR ASSEMBLY

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

Frequency Range	DC-1000 MHz
Configuration	Four individually controlled relay programmable attenuators
Enclosure Type	19 inch rack mount @ 2RU high
Impedance	75 Ohms nominal
Attenuation Range	0-63.75 dB in 0.25 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	1.6:1 maximum
Attenuation Accuracy	0.25, 0.5, 1, 2 dB ± 0.1 dB 4, 8 dB ± 0.2 dB 16, 32 dB ± 0.4 dB Accumulated Error ± 0.5 dB or 1.5% (whichever is greater)
Insertion Loss	2.5 dB maximum
RF Input Power	0.5 Watts average
Switching Speed	10 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

F female

Operating Temperature Range

0°C to +50°C

Physical Size

See outline drawing 092-7773



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/26/2013		TRS 07/26/2013				
24239	07/03/2014	A	TRS 07/03/2014				