SPECIFICATION SHEET

JFW MODEL 50PA-929
PROGRAMMABLE ATTENUATOR ASSEMBLY

Frequency Range	30-3000 MHz
Configuration	One solid-state programmable attenuator
Enclosure Type	19 inch rack mount @ 1RU high
Manual Control & Display	Momentary Lever Switches with 7-Segment LED Displays (current dB settings displayed at all times) (each attenuator has its own lever switch) (tap lever to step, hold lever to jog) (jog speed range is 0-10) (jog speed set to 0 will disable all levers)
Impedance	50 Ohms nominal
Attenuation Range	0-63.5 dB in 0.5 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) Jog speed 5 (see JOG SPEED command)
VSWR	1.8:1 maximum 30-800 MHz 1.6:1 maximum 800-3000 MHz
Attenuation Accuracy (guaranteed monotonic)	± 0.2 dB 0.5-7.5 dB ± 0.5 dB or 2% 8-63.5 dB (whichever is greater)
Insertion Loss	4.5 dB maximum
RF Input Power	+20 dBm average +25 dBm (no damage)
Switching Speed	1 microsecond typical (after command is received and processed) (3 milliseconds typical processing time)
Remote Control	Ethernet (DHCP, TCP/IP, 10/100, up to 12 users) RS-232 (up to 115200 Baud)

--CONTINUED--

JFW FORM E-7-F REV F

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

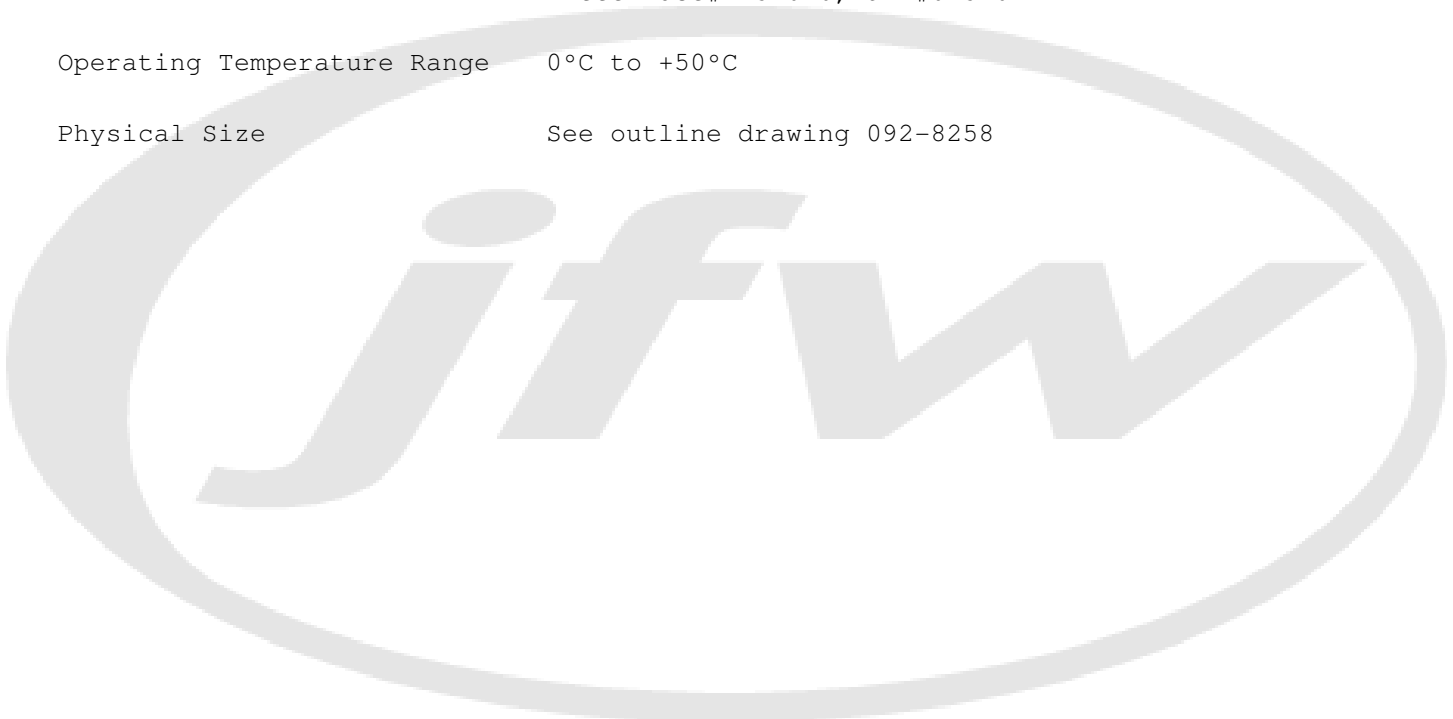|	
Remote Commands	Attenuator Control Commands: Atten, Set Attenuator, Read Attenuator, Fade Attenuator
	System Commands: Help, Identification, Store, Recall, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, Restrict, IDENT, Name, Show Users, Reboot, Uptime, Prompt, Jog Speed
RF Connector	SMA female
AC Supply	100-240VAC @ 47-63 Hz 2 Amp 5x20mm "Slo-Blo" AC fuse Littelfuse#215-020, JFW#025-021
Operating Temperature Range	0°C to +50°C
Physical Size	See outline drawing 092-8258

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/10/2015		CLK 03/10/2015				
27804	09/16/2016	A	TRS 09/16/2016				