SPECIFICATION SHEET

JFW MODEL 75PA-103

PROGRAMMABLE ATTENUATOR ASSEMBLY

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

Frequency Range 5-1650 MHz

Configuration Single individually controlled solid-state

programmable attenuator

Enclosure Type Benchtop

Impedance 75 Ohms nominal

Attenuation Range 0-63 dB in 1 dB steps

Startup/Default States

(configurable)

Attenuators to 63dB at startup (see ATTEN command)

DHCP enabled (see NET command)
4 Ethernet users (see NET command)
Prompts off (see PROMPT command)
Jog speed 5 (see JOG SPEED command)

All of these default settings can be changed by user. Unit can be configured for up to 12 Ethernet users.

VSWR 1.7:1 maximum 1.5:1 typical

1.3.1 cypical

Attenuation Accuracy \pm 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 and processed)
(3 milliseconds typical processing time)

Remote Control Ethernet (DHCP, TCP/IP, 10/100, up to 12 users)

RS-232 (up to 115,200 Baud)

Manual Control Momentary Lever Actuator Switches with

7-Segment LED Displays (tap to step, hold to jog) (jog speed range is 0-10)

(jog speed set to 0 will disable all levers)

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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,

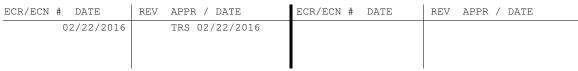
Prompt

RF Connector F female

AC Supply 100-240 VAC @ 47-63 Hz

Operating Temperature Range 0°C to +50°C

Physical Size See outline drawing 092-8559



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