

SPECIFICATION SHEET

JFW MODEL 75PA-078

PROGRAMMABLE ATTENUATOR ASSEMBLY

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Frequency Range DC-1000 MHz

Configuration Four individually controlled electromechanical programmable attenuators

Enclosure Type 19 inch rack mount @ 1RU high

Impedance 75 Ohms nominal

Attenuation Range 0-31 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

Attenuation Accuracy (guaranteed monotonic) ± 0.5 dB

Insertion Loss 3 dB maximum

RF Input Power 0.5 Watts average average

Switching Speed 20 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

Remote Control Ethernet (DHCP, TCP/IP, 10/100, up to 12 users)
RS-232 (up to 115200 Baud)

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 092-7727

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	02/19/2014		TRS 02/19/2014				