

**SPECIFICATION SHEET**

**JFW MODEL 50PA-847**

**PROGRAMMABLE ATTENUATOR ASSEMBLY**

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Frequency Range	200-6000 MHz
Configuration	24 individually controlled solid-state programmable attenuators
Enclosure Type	19 inch rack mount (4RU high for SMA female) (5RU high for N female)
Impedance	50 Ohms nominal
Attenuation Range	0-95 dB in 1 dB steps
Startup/Default States	Maximum attenuation (see ATTEN command) DHCP enabled (see NET command) 4 Ethernet users (see NET command) Prompts off (see PROMPT command)  All of these default settings can be changed by user. Unit can be configured for up to 12 Ethernet users.
VSWR	2.0:1 maximum < 1.9:1 typical
Attenuation Accuracy (guaranteed monotonic)	± 0.7 dB                    1-7 dB ± 1.0 dB                    8-11 dB ± 1.25 dB or 4%        12-95 dB (whichever is greater)
Insertion Loss	8.8 dB maximum 3.8 dB typical @ 200 MHz 8.0 dB typical @ 6000 MHz
RF Input Power*	+27 dBm +33 dBm (no damage)
Switching Speed	4 microseconds 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

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