

SPECIFICATION SHEET

JFW MODEL 50PA-1157-XX

PROGRAMMABLE ATTENUATOR ASSEMBLY

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

Frequency Range	0.1-18 GHz
Attenuation Range	0-63 dB in 0.5 dB steps
Configuration	Individually controlled solid-state programmable attenuators. Number of attenuators can be selected from 1 to 8 attenuators.
Enclosure Type	19 inch rack mount 2RU high (for 1-8 attenuators)
Impedance	50 Ohms nominal
Startup/Default States (configurable)	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	2.2:1 maximum < 1.4:1 typical 0.1-6 GHz < 1.8:1 typical 6-18 GHz
Attenuation Accuracy	± 0.3 dB 0.5-3.5 dB ± 0.6 dB 4-14.5 dB ± 1.00 dB or 3% 15-63 dB (whichever is greater)
Insertion Loss	8.0 dB maximum 2.0 dB typical @ 0.1 GHz 4.0 dB typical @ 6 GHz 5.5 dB typical @ 12.4 GHz 7.5 dB typical @ 18 GHz
RF Input Power	+24 dBm (operating - Input Side) +15 dBm (operating - Output Side) +25 dBm (no damage - Input Side) +16 dBm (no damage - Output Side)
Switching Speed	1 microsecond typical (after command is received and processed) (3 milliseconds typical processing time)

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