

SPECIFICATION SHEET

JFW MODEL 50BA-011-63

BENCHTOP PROGRAMMABLE ATTENUATOR ASSEMBLY

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

Frequency Range	200-6000 MHz
Configuration	Four individually controlled solid-state programmable attenuators
Enclosure Type	Mini-benchtop
Impedance	50 Ohms nominal
Attenuation Range	0-63 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) Jog speed 5 (see JOG SPEED command)
VSWR	1.8:1 maximum 200-800 MHz 1.6:1 maximum 800-6000 MHz
Attenuation Accuracy (guaranteed monotonic)	± 0.50 dB 1-3 dB ± 0.75 dB 4-7 dB ± 1.00 dB 8-11 dB ± 1.25 dB or 4% 12-63 dB (whichever is greater)
Insertion Loss	6.6 dB maximum 2.7 dB typical @ 200 MHz 3.0 dB typical @ 700 MHz 3.7 dB typical @ 2000 MHz 6.3 dB typical @ 6000 MHz
RF Input Power	+27 dBm average +33 dBm (no damage)
Switching Speed	3 microseconds typical (after command is received and processed) (3 milliseconds typical processing time)
DC Supply	+12 Vdc (100-240 VAC AC/DC transformer included) (0.05 Amps @ 120 VAC nominal) (0.03 Amps @ 240 VAC nominal)

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